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OM protein - protein search, using sw model

Run on: June 5, 2003, 14:01:21 ; Search time 15 Seconds
(without alignments)
588.458 Million cell updates/sec

Title: US-09-935-727-2

Perfect score: 1634
Sequence: 1 MRALEGPGLSLICVIALPAA.....RYARMPLERSVREPLPVH 300

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/1/1aa/CTDS.COMB.pep:*
6: /cgn2_6/ptodata/1/1aa/Dackfilest1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1634	100.0	300	2	US-08-794-796-2
2	1619.5	99.1	299	4	US-09-286-529-17
3	1177	72.0	211	4	US-09-286-529-20
4	841	51.5	153	4	US-09-286-529-2
5	444	27.2	401	3	US-08-974-022-6
6	444	27.2	401	4	US-09-042-785A-12
7	444	27.2	401	4	US-08-795-445A-6
8	444	27.2	401	4	US-08-795-447A-6
9	444	27.2	401	4	US-08-974-186-6
10	444	27.2	401	4	US-08-795-446B-6
11	444	27.2	401	4	US-09-153-927-1
12	444	27.2	401	4	US-09-072-992C-1
13	444	27.2	401	4	US-08-706-945D-128
14	425.5	26.0	401	3	US-08-974-022-2
15	425.5	26.0	401	4	US-08-795-445A-2
16	425.5	26.0	401	4	US-08-795-447A-2
17	425.5	26.0	401	4	US-08-974-186-2
18	425.5	26.0	401	4	US-08-795-446B-2
19	425.5	26.0	401	4	US-08-706-945D-124
20	424.5	26.0	401	3	US-08-974-022-4
21	424.5	26.0	401	4	US-09-042-785A-13
22	424.5	26.0	401	4	US-08-795-445A-4
23	424.5	26.0	401	4	US-08-795-447A-4
24	424.5	26.0	401	4	US-08-974-186-4
25	424.5	26.0	401	4	US-08-795-446B-4
26	424.5	26.0	401	4	US-08-706-945D-126
27	407	24.9	147	4	US-09-527-236A-20

28	394	24.1	174	4	US-08-706-945D-136	Sequence 136, App
29	385.5	23.6	364	4	US-08-706-945D-142	Sequence 142, App
30	374.5	22.9	364	4	US-08-706-945D-141	Sequence 141, App
31	373	22.8	139	4	US-08-706-945D-130	Sequence 130, App
32	353.5	21.6	461	4	US-09-042-785A-7	Sequence 7, App11
33	353.5	21.6	461	4	US-09-006-353A-4	Sequence 4, App11
34	353.5	21.6	461	4	US-09-573-986-4	Sequence 4, App11
35	351.5	21.5	461	4	US-08-385-229-2	Sequence 2, App11
36	351.5	21.5	461	2	US-08-650-000-2	Sequence 2, App11
37	351.5	21.5	461	4	US-08-477-347-3	Sequence 3, App11
38	351.5	21.5	461	4	US-08-476-862-2	Sequence 2, App11
39	351.5	21.5	461	6	US-08-974-022-48	Sequence 48, App11
40	346	21.2	227	4	US-08-974-022-48	Sequence 48, App11
41	346	21.2	227	4	US-08-795-445A-48	Sequence 48, App11
42	346	21.2	227	4	US-08-795-447A-48	Sequence 48, App11
43	346	21.2	227	4	US-08-974-186-48	Sequence 48, App11
44	346	21.2	227	4	US-08-795-446B-48	Sequence 48, App11
45	346	21.2	227	4	US-08-706-945D-134	Sequence 134, App

ALIGNMENTS

RESULT 1
US-08-794-796-2
; Sequence 2, Application US/08794796
; Patent No. 5885800
; GENERAL INFORMATION:
; APPLICANT: Emery, John
; APPLICANT: Tan, KB
; APPLICANT: Truneh, Alem
; APPLICANT: Young, Peter
; TITLE OF INVENTION: Tumor Necrosis Related Receptor,
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: IBM Compatible
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/794,796
; FILING DATE: 04-FEB-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Han, William T
; REGISTRATION NUMBER: 34,344
; REFERENCE/DOCKET NUMBER: GH50000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5219
; TELEFAX: 610-270-4026
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 300 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-794-796-2
Query Match 100.0%; Score 1634; DB 2; Length 300;
Best Local Similarity 100.0%; Pred. No. 2.4e-127;

	Matches	300;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
QY	1	MRALEGP	SLTLCIVIALP	PALLP	PVAVGV	AETPT	PPMRDA	ETG	GRVCA	ACCP
Db	1	MRALEGP	SLTLCIVIALP	PALLP	PVAVGV	AETPT	PPMRDA	ETG	GRVCA	ACCP
QY	61	PCRRDSP	PTTCG	PCPR	RHYTO	FWN	YLER	CYAN	VLG	GEENE
Db	61	PCRRDSP	PTTCG	PCPR	RHYTO	FWN	YLER	CYAN	VLG	GEENE
QY	121	AHAGFCLE	HA	SCPGAG	VI	AGT	BP	SQ	NO	OC
Db	121	AHAGFCLE	HA	SCPGAG	VI	AGT	BP	SQ	NO	OC
QY	121	AHAGFCLE	HA	SCPGAG	VI	AGT	BP	SQ	NO	OC
Db	121	AHAGFCLE	HA	SCPGAG	VI	AGT	BP	SQ	NO	OC
QY	181	LNVP	GSSHD	LT	CT	SC	TG	P	L	STR
Db	181	LNVP	GSSHD	LT	CT	SC	TG	P	L	STR
QY	241	GMGSP	PR	RG	RA	LD	KL	RR	RL	TE
Db	241	GMGSP	PR	RG	RA	LD	KL	RR	RL	TE

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RESULT 2
US-09-286-529-17
: Sequence 17, Application US/09286529
: Patent No. 6297367
: GENERAL INFORMATION:
: APPLICANT: Catherine Tribouley
: TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
: FILE REFERENCE: 1408_003/200130_43C1
: CURRENT APPLICATION NUMBER: US/09/286,529
: CURRENT FILING DATE: 1999-04-05
: NUMBER OF SEQ ID NOS: 25
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 17
: LENGTH: 299
: TYPE: PRT
: ORGANISM: Homo sapien
: US-09-286-529-17

```

	Query Match	99.1% Best Local Similarity	Score 1619.5	DB: 4	Length 299
		99.7%	Pred. No. 3,8e-126		
	Matches	299	Conservative	0	Mismatches 0; Indels 1; Gaps 1
QY	1	MRALEGBELSLICLVLLALPALLPVPVAVGAETPTTYPWMDATGTERLYCAOCPPEGTVEOR	60		
Db	1	MRALEGBELSLICLVLLALPALLPVPVAVGAETPTTYPWMDATGTERLYCAOCPPEGTVEOR	60		
QY	61	PCRRDSPPTGCPCPRRHYTOPFMYNTERGRYCNVLGGEEREERACHAHNNRACRGTGFE	120		
Db	61	PCRRDSPPTGCPCPRRHYTOPFMYNTERGRYCNVLGGEEREERACHAHNNRACRGTGFE	120		
QY	121	AHAGFCLEHASCPRGAGYIAPGTBSQNTQOCPCPPGTFSASSSSSECCOPHRNCTALGIA	180		
Db	121	AHAGFCLEHASCPRGAGYIAPGTBSQNTQOCPCPPGTFSASSSSSECCOPHRNCTALGIA	179		
QY	181	LNVGSSSHDILTCSTGTGPELSTRPAGAEECEERAVIDEVAFODISIKRQLRIQLQALEAPE	240		
Db	180	LNVGSSSHDILTCSTGTGPELSTRPAGAEECEERAVIDEVAFODISIKRQLRIQLQALEAPE	239		
QY	241	GMGTPPRRGRALDLKLRRLTTELLGADGALLVRLDLALRYARRPGLERSVREFFLVYH	300		
Db	240	GMGTPPRRGRALDLKLRRLTTELLGADGALLVRLDLALRYARRPGLERSVREFFLVYH	299		

RESULT 3
US-09-286-529-20
Sequence 20, Application US/09286529
Patent No. 6297367
GENERAL INFORMATION:
APPLICANT: Catherine Tribouley
TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES

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: FILE REFERENCE: 1408.003/200130.439C1
: CURRENT APPLICATION NUMBER: US/09/286,529
: CURRENT FILING DATE: 1999-04-05
: NUMBER OF SEQ ID NOS: 25
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 20
: LENGTH: 211
: TYPE: PRT
: ORGANISM: Homo sapien
: US-09-286-529-20
.

Query Match          72.0%;   Score 1177;   DB 4;   Length 211;
Best Local Similarity 99.0%;   Pred. No. 7.6e-90;
Matches 208; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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[illegible]

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RESULT 4
US-09-286-529-2
: Sequence 2, Application US/09286529
: Patent No. 6297367
: GENERAL INFORMATION:
: APPLICANT: Catherine Tribouley
: TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
: FILE REFERENCE: 1408_003/200130.439C1
: CURRENT APPLICATION NUMBER: US/09/286,529
: CURRENT FILING DATE: 1999-04-05
: NUMBER OF SEQ ID NOS: 25
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 2
: LENGTH: 153
: TYPE: PRT
: ORGANISM: human
: US-09-286-529-2

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Query Match	51.5%;	Score 841;	DB 4;	Length 153;
Best Local Similarity	100.0%;	Pred. No. 2,66-62;		
Matches 153;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	85	LERCRYCNVLGGEREEARACHATHNRACRRTGFFAHAGCLEHASCPCPAGVIAPGTP	144	
Db	1	LERCRYCNVLGGEREEARACHATHNRACRRTGFFAHAGCLEHASCPCPAGVIAPGTP	60	
QY	145	SQNTQQCPCPGPTSSASSSSSEOCQPHNRCALGIALNVPSSSSHDITCTCTGTPPLSTR	204	
Db	61	SQNTQQCPCPGPTSSASSSSSEOCQPHNRCALGIALNVPSSSSHDITCTCTGTPPLSTR	120	
QY	205	VGAECECRAVIDEVAFODISIKRLORLQALE	237	
Db	121	VGAECECRAVIDEVAFODISIKRLORLQALE	153	

RESULT 5
US-08-974-022-6
; Sequence 6, Application US/089740222
; Patent No. 6015938
; GENERAL INFORMATION:
; APPLICANT: Boyle, William J.

APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: 1840 Dehavenland Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,022
FILING DATE: 12-DEC-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/577,788
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER: A-378
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-974-022-6

Query Match 27.2%; Score 444; DB 3; Length 401;
Best Local Similarity 39.6%; Pred. No. 4.5e-29;
Matches 84; Conservative 32; Mismatches 86; Indels 10; Gaps 4;

QY 11 LCLVIALPALLPVAVRGVAET--PTYWRDAETGERLYCAACPPGTGYORPCRDSP 68
DB 4 LICAL--VFIDISIKMTTOETFFPKYLHYDEBETHOLCDKCPGTLYLKQCTAKMT 60
QY 69 TCGPCPRHYTOFWNLYERCRVNLGGEREERARACHATHNACRCRGGFFAHAGFCLE 128
DB 61 VCAPCPDHYYTDSMHTSDCLYCSPVCKELQYKQCNRTNHNVCCKEGRYLEIEFCIK 120
QY 129 HASCPRGAGVIAGTSPQNTQCPGPGTFSSASSSSSECOQPHRNTALGLALNVPGSSS 188
DB 121 HRSCLPGFVGVOAGTERNTVCKRCPDGFSSNETSSKAPCRKHTNCSVFGLLLTOKGNAT 180
QY 189 HDTLCTSGTGFPLSTRVGAEE--CERAVIDF 218
DB 181 HDNI--CSGNSSESTOKCGIDVTLCCEAFRRF 209

RESULT 6
US-09-042-785A-12
Sequence 12, Application US/09042785A
Patent No. 6194151
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
US-09-042-785A-12

Query Match 27.2%; Score 444; DB 4; Length 401;
Best Local Similarity 39.6%; Pred. No. 4.5e-29;
Matches 84; Conservative 32; Mismatches 86; Indels 10; Gaps 4;

QY 11 LCLVIALPALLPVAVRGVAET--PTYWRDAETGERLYCAACPPGTGYORPCRDSP 68
DB 4 LICAL--VFIDISIKMTTOETFFPKYLHYDEBETHOLCDKCPGTLYLKQCTAKMT 60
QY 69 TCGPCPRHYTOFWNLYERCRVNLGGEREERARACHATHNACRCRGGFFAHAGFCLE 128
DB 61 VCAPCPDHYYTDSMHTSDCLYCSPVCKELQYKQCNRTNHNVCCKEGRYLEIEFCIK 120
QY 129 HASCPRGAGVIAGTSPQNTQCPGPGTFSSASSSSSECOQPHRNTALGLALNVPGSSS 188
DB 121 HRSCLPGFVGVOAGTERNTVCKRCPDGFSSNETSSKAPCRKHTNCSVFGLLLTOKGNAT 180
QY 189 HDTLCTSGTGFPLSTRVGAEE--CERAVIDF 218
DB 181 HDNI--CSGNSSESTOKCGIDVTLCCEAFRRF 209

RESULT 7
US-08-795-445A-6
Sequence 6, Application US/08795445A
Patent No. 6284485
GENERAL INFORMATION:
APPLICANT: Boyle, William J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: 1840 Dehavenland Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,445A
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/577,788
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER: A-378
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-795-445A-6

Query Match
Best Local Similarity 39.6%; Pred. No. 4.5e-29;
Matches 84; Conservative 32; Mismatches 86; Indels 10; Gaps 4;

QY 11 LCLVLALPALLPVAVGVAET--PTYPWRDAETGERLYCAQCPPTFYQRCRRDSPT 68
DB 4 LLLCAL---VFLDISIKMTQETPPKYLHYDEETSHQLCDKCPPTLYLKQHTAKWKT 60

QY 69 TCGPCPPRHYTQFWNYLERCRYCNVLCGEREERARACHATHNRACRCRTGFFAHAGCLE 128
DB 61 VCACPDPHYTDSWHTSDCLCYCSPVCKELQYKQECNRHNRVCEKEGRYLETIEFCCLK 120

QY 129 HASCPCGAVIAPCTPSQNTQCCPCPGTFSASSSSSEOCQPHRNCATLALNVPSSS 188
DB 121 HRSPPGPGVQAGTPEPRNTYCKRCPDGFSNERTSSAPCRKHNCVSFGLLTQKGNAT 180

QY 189 HDLTCTSGTGFPLSTRVGAEE--CERAVIDF 218
DB 181 HDNI---CSGNSESTQKCGIDVTLCEBAFFRF 209

RESULT 8
US-08-795-447A-6
Sequence 6, Application US/08795447A
Patent No. 6284728
GENERAL INFORMATION:
APPLICANT: Boyle, William J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: Osteoprotegerin
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: One Amgen Center Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91362-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,447A
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER: A-378D2
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-795-447A-6

Query Match
Best Local Similarity 39.6%; Pred. No. 4.5e-29;
Matches 84; Conservative 32; Mismatches 86; Indels 10; Gaps 4;

QY 11 LCLVLALPALLPVAVGVAET--PTYPWRDAETGERLYCAQCPPTFYQRCRRDSPT 68
DB 4 LLLCAL---VFLDISIKMTQETPPKYLHYDEETSHQLCDKCPPTLYLKQHTAKWKT 60

QY 69 TCGPCPPRHYTQFWNYLERCRYCNVLCGEREERARACHATHNRACRCRTGFFAHAGCLE 128
DB 61 VCACPDPHYTDSWHTSDCLCYCSPVCKELQYKQECNRHNRVCEKEGRYLETIEFCCLK 120

QY 129 HASCPCGAVIAPCTPSQNTQCCPCPGTFSASSSSSEOCQPHRNCATLALNVPSSS 188
DB 121 HRSPPGPGVQAGTPEPRNTYCKRCPDGFSNERTSSAPCRKHNCVSFGLLTQKGNAT 180

QY 189 HDLTCTSGTGFPLSTRVGAEE--CERAVIDF 218
DB 181 HDNI---CSGNSESTQKCGIDVTLCEBAFFRF 209

RESULT 9
US-08-974-186-6
Sequence 6, Application US/08974186
Patent No. 6284740
GENERAL INFORMATION:
APPLICANT: Boyle, William J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: 1840 Denavilland Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,186
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/577,788
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER: A-378
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-974-186-6

Query Match
Best Local Similarity 27.2%; Score 444; DB 4; Length 401;
Matches 84; Conservative 32; Mismatches 86; Indels 10; Gaps 4;

QY 11 LCLVLALPALLPVAVGVAET--PTYPWRDAETGERLYCAQCPPTFYQRCRRDSPT 68
DB 4 LLLCAL---VFLDISIKMTQETPPKYLHYDEETSHQLCDKCPPTLYLKQHTAKWKT 60

QY 69 TCGPCPPRHYTQFWNYLERCRYCNVLCGEREERARACHATHNRACRCRTGFFAHAGCLE 128
DB 61 VCACPDPHYTDSWHTSDCLCYCSPVCKELQYKQECNRHNRVCEKEGRYLETIEFCCLK 120

QY 129 HASCPCGAVIAPCTPSQNTQCCPCPGTFSASSSSSEOCQPHRNCATLALNVPSSS 188
DB 121 HRSPPGPGVQAGTPEPRNTYCKRCPDGFSNERTSSAPCRKHNCVSFGLLTQKGNAT 180

QY 189 HDLTCTSGTGFPLSTRVGAEE--CERAVIDF 218
DB 181 HDNI---CSGNSESTQKCGIDVTLCEBAFFRF 209

Db 61 VCAPCPDHYYTDSMTSDCLYCSVPCKELQYKQECNRTNHRVCEKEGRYLEIEFLCK 120
 QY 129 HASCPCGAGVIAPGTPSONTOCOPCPGTFSSSSSSDCCOPHRCTALGLALNYPGSSS 188
 Db 121 HRSCEPGGVVQAGTPERTVCKRCPDGFSSNETSKAPCRKHTNCSYVGLLITQKGNAT 180
 QY 189 HDLTCTSCGTFPLSTRVPGAEE--CERAVIDF 218
 Db 181 HDNI---CSGNSESTQKCGIDVTLCEAEAFRR 209

RESULT 10
 US-08-795-446B-6
 ; Sequence 6, Application US/08795446B
 ; Patent No. 6288032

GENERAL INFORMATION:
 APPLICANT: Boyle, William J.
 APPLICANT: Lacey, David L.
 APPLICANT: Calzone, Frank J.
 APPLICANT: Chang, Ming-Shi
 TITLE OF INVENTION: OSTEOPROTEGERIN
 NUMBER OF SEQUENCES: 53
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Amgen Inc.
 STREET: 1840 Dehavenland Drive
 CITY: Thousand Oaks
 STATE: California
 COUNTRY: USA

ZIP: 91320-1789
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/795,446B
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/577,788
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Winter, Robert B.
 REFERENCE/DOCKET NUMBER: A-378
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 401 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-795-446B-6

Query Match 27.2%; Score 444; DB 4; Length 401;
 Best Local Similarity 39.6%; Pred. No. 4.5e-29;
 Matches 84; Conservative 32; Mismatches 86; Indels 10; Gaps 4;

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 Db 4 LILCAL---VFLDISIKMTQETFPFKYLHYDEETSHOLCKCPGTYLKHCHTAKKMT 60
 QY 69 TCGPCPPRHYTOFMWYLECRVCNVLCGREGREARACHTNRACRCRGTFFAHAGFCLE 128
 Db 61 VCAPCPDHYYTDSMTSDCLYCSVPCKELQYKQECNRTNHRVCEKEGRYLEIEFLCK 120
 QY 129 HASCPCGAGVIAPGTPSONTOCOPCPGTFSSSSSSSECCOPHRCTALGLALNYPGSSS 188
 Db 121 HRSCEPGGVVQAGTPERTVCKRCPDGFSSNETSKAPCRKHTNCSYVGLLITQKGNAT 180
 QY 189 HDLTCTSCGTFPLSTRVPGAEE--CERAVIDF 218
 Db 181 HDNI---CSGNSESTQKCGIDVTLCEAEAFRR 209

RESULT 11
 US-09-153-927-1
 ; Sequence 1, Application US/09153927A
 ; Patent No. 6287022
 ; GENERAL INFORMATION:
 APPLICANT: McDonnell, Peter C.
 APPLICANT: Young, Peter R.
 APPLICANT: Zou, Jun
 TITLE OF INVENTION: A Method of Identifying Agonists and
 TITLE OF INVENTION: Antagonists for Tumor Necrosis Related Receptors TR1, TR3
 FILE REFERENCE: GH50031
 CURRENT APPLICATION NUMBER: US/09/153,927A
 EARLIER APPLICATION NUMBER: 60/061,334
 NUMBER OF SEQ ID NOS: 11
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 1
 LENGTH: 401
 TYPE: PRT
 ORGANISM: Human
 US-09-153-927-1

Query Match 27.2%; Score 444; DB 4; Length 401;
 Best Local Similarity 39.6%; Pred. No. 4.5e-29;
 Matches 84; Conservative 32; Mismatches 86; Indels 10; Gaps 4;

QY 11 LILCLVIALPALIPVAVRGVAET--PTYPMRDAETGERLVCAQCPCPGTFVQRPGRDST 68
 Db 4 LILCAL---VFLDISIKMTQETFPFKYLHYDEETSHOLCKCPGTYLKHCHTAKKMT 60
 QY 69 TCGPCPPRHYTOFMWYLECRVCNVLCGREGREARACHTNRACRCRGTFFAHAGFCLE 128
 Db 61 VCAPCPDHYYTDSMTSDCLYCSVPCKELQYKQECNRTNHRVCEKEGRYLEIEFLCK 120
 QY 129 HASCPCGAGVIAPGTPSONTOCOPCPGTFSSSSSSSECCOPHRCTALGLALNYPGSSS 188
 Db 121 HRSCEPGGVVQAGTPERTVCKRCPDGFSSNETSKAPCRKHTNCSYVGLLITQKGNAT 180
 QY 189 HDLTCTSCGTFPLSTRVPGAEE--CERAVIDF 218
 Db 181 HDNI---CSGNSESTQKCGIDVTLCEAEAFRR 209

RESULT 12
 US-09-072-993C-1
 ; Sequence 1, Application US/09072993C
 ; Patent No. 6346388
 ; GENERAL INFORMATION:
 APPLICANT: Michael R. Brigham-Burke
 APPLICANT: Peter R. Young
 TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND
 TITLE OF INVENTION: ANTAGONISTS FOR TUMOR NECROSIS RELATED RECEPTORS TR1 AND TR2
 FILE REFERENCE: GH-50030
 CURRENT APPLICATION NUMBER: US/09/072,993C
 CURRENT FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/055,513
 PRIOR FILING DATE: 1997-08-13
 PRIOR APPLICATION NUMBER: 60/056,980
 PRIOR FILING DATE: 1997-08-26
 PRIOR APPLICATION NUMBER: 60/057,550
 PRIOR FILING DATE: 1997-08-29
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 1
 LENGTH: 401
 TYPE: PRT
 ORGANISM: HOMO SAPIENS
 US-09-072-993C-1

Query Match 27.2%; Score 444; DB 4; Length 401;
 Best Local Similarity 39.6%; Pred. No. 4.5e-29;

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/795,445A
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/577,788
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Winter, Robert B.
 REFERENCE/DOCKET NUMBER: A-378
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 401 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-795-445A-2

Query Match 26.0%; Score 425.5; DB 4; Length 401;
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QY	94	LCGEREEARACHATHNRACRCRTGFFAHAGFLEHASCPPGAGVIAPGTPSQNTQCQPC	153
DB	86	VCKELQTVKQECNRTNHNVCCEEGRYLELEFCLKHRSCPPGLGYLQAGTPERNTVCKRC	145
QY	154	PPGTFSSASSSSSEQQPHRNCTALGLALNVGSSSHDLCTSCGTGFPPLSTRVGAEE--C	211
DB	146	PDGFFSGETSSKAPCRKHTNCSLGLLLIQGNATHDNV--CSGNREATQNCGIDVTLC	202
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Search completed: June 5, 2003, 14:10:15
 Job time : 16 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 5, 2003, 14:02:41 ; Search time 22 Seconds
(without alignments)
1407.822 Million cell updates/sec

Title: US-09-935-727-2

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Gapop 10.0 , Gapext 0.5

Searched: 392085 seqs, 103240269 residues

Total number of hits satisfying chosen parameters: 392085

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published_Applications_AA:*

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3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

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14: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	1634	100.0	300	9	US-10-129-709-3
2	1634	100.0	300	10	US-09-896-096A-1
3	1634	100.0	300	10	US-09-894-924-1
4	1634	100.0	300	10	US-09-935-727-2
5	1619.5	99.1	299	10	US-09-847-156-17
6	1612	98.7	300	10	US-09-840-795-2
7	1491	91.2	271	9	US-10-129-709-1
8	1177	72.0	211	10	US-09-877-156-20
9	841	51.5	153	10	US-09-877-156-2
10	814	49.8	170	10	US-09-935-727-4
11	465.5	28.5	326	10	US-09-062-113-71
12	447	27.4	401	10	US-09-062-113-62
13	445	27.2	272	10	US-09-062-113-75
14	445	27.2	321	10	US-09-062-113-80
15	445	27.2	327	10	US-09-062-113-72
16	445	27.2	351	10	US-09-062-113-74
17	445	27.2	393	10	US-09-062-113-79
18	445	27.2	399	10	US-09-062-113-73
19	445	27.2	401	9	US-10-183-091-1

20	445	27.2	401	10	US-09-062-113-5	Sequence 5, Appl1
21	445	27.2	401	10	US-09-062-113-64	Sequence 64, Appl1
22	445	27.2	401	10	US-09-062-113-65	Sequence 65, Appl1
23	445	27.2	401	10	US-09-062-113-66	Sequence 66, Appl1
24	444	27.2	293	10	US-09-896-096A-18	Sequence 18, Appl1
25	444	27.2	293	10	US-09-894-924-18	Sequence 18, Appl1
26	444	27.2	362	10	US-09-062-113-11	Sequence 11, Appl1
27	444	27.2	400	9	US-10-142-658-2	Sequence 2, Appl1
28	444	27.2	401	12	US-10-039-785-5	Sequence 5, Appl1
29	444	27.2	401	12	US-10-066-209-1	Sequence 1, Appl1
30	444	27.2	401	12	US-10-164-592-2	Sequence 2, Appl1
31	440.5	27.0	380	10	US-09-062-113-4	Sequence 4, Appl1
32	440.5	27.0	391	10	US-09-062-113-106	Sequence 106, App
33	438	26.8	401	10	US-09-062-113-63	Sequence 63, Appl
34	437.5	26.8	187	10	US-09-062-113-81	Sequence 81, Appl
35	437.5	26.8	197	10	US-09-062-113-76	Sequence 76, Appl
36	436.5	26.7	187	10	US-09-840-795-11	Sequence 11, Appl1
37	436.5	26.7	394	10	US-09-062-113-9	Sequence 9, Appl1
38	407	24.9	147	9	US-09-756-854-20	Sequence 20, Appl1
39	407	24.9	147	9	US-10-041-574-20	Sequence 20, Appl1
40	356.5	21.8	360	10	US-09-062-113-67	Sequence 67, Appl
41	353.5	21.6	450	9	US-10-291-480-3	Sequence 3, Appl1
42	353.5	21.6	450	10	US-09-768-779A-3	Sequence 3, Appl1
43	353.5	21.6	461	9	US-10-038-557A-17	Sequence 17, Appl1
44	353.5	21.6	461	9	US-10-046-433-6	Sequence 6, Appl1
45	353.5	21.6	461	9	US-09-902-176A-54	Sequence 54, Appl1

ALIGNMENTS

RESULT 1									
US-10-129-709-3									
; Sequence 3, Application US/10129709									
; Publication No. US20030055221A1									
; GENERAL INFORMATION:									
; APPLICANT: Wiltcher, Derrick									
; TITLE OF INVENTION: Improving stability of FLINT through O-linked glycosylation									
; FILE REFERENCE: X-13531M									
; CURRENT APPLICATION NUMBER: US/10/129,709									
; CURRENT FILING DATE: 2002-05-07									
; NUMBER OF SEQ ID NOS: 9									
; SOFTWARE: PatentIn Ver. 2.0									
; SEQ ID NO 3									
; LENGTH: 300									
; TYPE: PRT									
; ORGANISM: Homo sapiens									
US-10-129-709-3									
Query Match									
Best Local Similarity 100.0%; Score 1634; DB 9; Length 300;									
Matches 300; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
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DB	1	MRALEGGSLICLVIALPA	1	VPVAVRGAETPTVPMDDAETGERTVCAQCPGTFVOR	60				
QY	61	PCRSDPTTCGPPRRHYTFQFNMYLTERCRYCNVL	61	CGEREERARACHATENRACRCRTGTF	120				
DB	61	PCRSDPTTCGPPRRHYTFQFNMYLTERCRYCNVL	61	CGEREERARACHATENRACRCRTGTF	120				
QY	121	AAAGFLEHASCPGAGVIAFGTPSONTOCQPCPPTFS	121	ASSSSSSBQCPHNRCTALGIA	180				
DB	121	AAAGFLEHASCPGAGVIAFGTPSONTOCQPCPPTFS	121	ASSSSSSBQCPHNRCTALGIA	180				
QY	181	LNVPGSSSDTCTCTGTFPLSTRVGAECERAVIDFA	181	FODISIKRRLQRLQALEAPE	240				
DB	181	LNVPGSSSDTCTCTGTFPLSTRVGAECERAVIDFA	181	FODISIKRRLQRLQALEAPE	240				
QY	241	GMGPPPRAGRAALQTLRRRLTELLGAQDGA	241	LVRLLQALRYARMGERSYREPLPVH	300				
DB	241	GMGPPPRAGRAALQTLRRRLTELLGAQDGA	241	LVRLLQALRYARMGERSYREPLPVH	300				

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RESULT 2
US-09-896-096A-1
; Sequence 1, Application US/09896096A
; Patent No. US20020061559A1
; GENERAL INFORMATION:
; APPLICANT: ASHKENAZI, AVI J
; APPLICANT: BOTSTEIN, DAVID
; APPLICANT: DODGE, KELLY H.
; APPLICANT: GURNEY, AUSTIN L.
; APPLICANT: KIM, KYUNG JIN
; APPLICANT: LAWRENCE, DAVID A.
; APPLICANT: PITTI, ROBERT
; APPLICANT: ROY, MARGARET A
; APPLICANT: TUMAS, DANIEL B
; APPLICANT: WOOD, WILLIAM I.
; TITLE OF INVENTION: DCR3 Polypeptide, A TNFR Homolog
; FILE REFERENCE: P1134R2 REVISED
; CURRENT APPLICATION NUMBER: US/09/896,096A
; PRIOR FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 09/157,289
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: US 60/059,288
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: US 60/094,640
; PRIOR FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 18
; SEQ ID NO 1
; LENGTH: 300
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-896-096A-1

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Best Local Similarity 100.0%; Pred. No. 6e-114;
Matches 300; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 121 AHAGFCLHNASCPGAGVIAAGTPSONTOCQPCPGPTFSASSSSSECCQPHRNCTALGLA 180
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DB 181 LNPVSSSHDTLCTSCGFPFLSTRVPGAECERAVIDFAVFODISIKRLQRLQALEAPE 240
QY 241 GMPPTPRAGRAALQKLRLRTELGAODGALLVRLQALRVARMPLERSVEREFLPVH 300
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RESULT 3
US-09-894-924-1
; Sequence 1, Application US/09894924
; Patent No. US20020065210A1
; GENERAL INFORMATION:
; APPLICANT: ASHKENAZI, AVI J
; APPLICANT: BOTSTEIN, DAVID
; APPLICANT: DODGE, KELLY H.
; APPLICANT: GURNEY, AUSTIN L.
; APPLICANT: KIM, KYUNG JIN
; APPLICANT: LAWRENCE, DAVID A.
; APPLICANT: PITTI, ROBERT
; APPLICANT: ROY, MARGARET A
; APPLICANT: TUMAS, DANIEL B
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APPLICANT: WOOD, WILLIAM I.
; TITLE OF INVENTION: DCR3 Polypeptide, A TNFR Homolog
; FILE REFERENCE: P1134R2 REVISED
; CURRENT APPLICATION NUMBER: US/09/894,924
; PRIOR FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 09/157,289
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: US 60/059,288
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: US 60/094,640
; PRIOR FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 18
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-894-924-1

Query Match      100.0%; Score 1634; DB 10; Length 300;
Best Local Similarity 100.0%; Pred. No. 6e-114;
Matches 300; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 61 PCRDSPTTCGCPPPRHYTQFMWYLERCRVCNVLCGEREEBARACHATHNRACRCRTGFF 120
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RESULT 4
US-09-935-727-2
; Sequence 2, Application US/09935727
; Patent No. US20020150583A1
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Tumor Necrosis Factor Receptors 6 Alpha and 6 Beta
; FILE REFERENCE: P454P2
; CURRENT APPLICATION NUMBER: US/09/935,727
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 60/303,224
; PRIOR FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 60/252,131
; PRIOR FILING DATE: 2000-11-21
; PRIOR APPLICATION NUMBER: 60/227,598
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 09/518,931
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/168,235
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: 60/146,371
; PRIOR FILING DATE: 1999-08-02
; PRIOR APPLICATION NUMBER: 60/131,964
; PRIOR FILING DATE: 1999-04-30
; PRIOR APPLICATION NUMBER: 60/131,270
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/124,092
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 60/121,774
; PRIOR FILING DATE: 1999-03-04
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; PRIOR APPLICATION NUMBER: 09/006,352
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: 60/035,496
; PRIOR FILING DATE: 1997-01-14
; NUMBER OF SEQ ID NOS: 42
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; TYPE: PRT
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US-09-935-727-2

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Matches 300; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 241 GNGPTPRAGRAALQKLRRLTELIGADGALLVRLQALRVARMPGLERSYRERFLPVH 300
DB 241 GNGPTPRAGRAALQKLRRLTELIGADGALLVRLQALRVARMPGLERSYRERFLPVH 300

RESULT 5

US-09-877-156-17
; Sequence 17, Application US/09877156
; Patent No. US20020055625A1
; GENERAL INFORMATION:
; APPLICANT: Catherine Tribouley
; TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
; FILE REFERENCE: 1408.003/200130.439C1
; CURRENT FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/286,529
; PRIOR FILING DATE: 1998-04-05
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-877-156-17

Query Match 99.1%; Score 1619.5; DB 10; Length 299;
Best Local Similarity 99.7%; Pred. No. 7.1e-113;
Matches 299; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

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DB 61 PCRSDPTTCGCPPRHHTQFWNLYLERCRCNVLCGEREEERARACHATHNRACRCRTGFF 120
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DB 121 AHAGFCLHASCPRGAGVIAPGTPTSONTOCCPCPPGTSSASSSSSECCOPHRNCATGLA 179

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DB 180 LNVPGSSHDITLCTSCGTFPLSTRVPGAEECERAVIDFVAFODISIKRLQRLQALEAPE 239
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RESULT 6
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; Sequence 2, Application US/09840795
; Patent No. US20020143147A1
; GENERAL INFORMATION:
; APPLICANT: Murphy, Erin E.
; APPLICANT: Mattson, Jeanine D.
; APPLICANT: Bates, Elizabeth Esther Mary
; APPLICANT: Gorman, Daniel M.
; APPLICANT: Lebecque, Serge J.E.
; TITLE OF INVENTION: Mammalian Genes; Related Reagents
; FILE REFERENCE: SP0818K
; CURRENT APPLICATION NUMBER: US/09/840,795
; CURRENT FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: 09/351,777
; PRIOR FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 2
; LENGTH: 300
; TYPE: PRT
; ORGANISM: primate
; FEATURE:
; NAME/KEY: misc-feature
; LOCATION: (79)
; OTHER INFORMATION: xaa at residue 79 is undetermined.
US-09-840-795-2

Query Match 98.7%; Score 1612; DB 10; Length 300;
Best Local Similarity 99.0%; Pred. No. 2.6e-112;
Matches 297; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 MRALEGPGLSLICLVLPALLPVPVAVGVAETPTYPMDAETGERLYCAOCPPTGYOR 60
DB 1 MRALEGPGLSLICLVLPALLPVPVAVGVAETPTYPMDAETGERLYCAOCPPTGYOR 60
QY 61 PCRSDPTTCGCPPRHHTQFWNLYLERCRCNVLCGEREEERARACHATHNRACRCRTGFF 120
DB 61 PCRSDPTTCGCPPRHHTQFWNLYLERCRCNVLCGEREEERARACHATHNRACRCRTGFF 120
QY 121 AHAGFCLHASCPRGAGVIAPGTPTSONTOCCPCPPGTSSASSSSSECCOPHRNCATGLA 180
DB 121 AHAGFCLHASCPRGAGVIAPGTPTSONTOCCPCPPGTSSASSSSSECCOPHRNCATGLA 180
QY 181 LNVPGSSHDITLCTSCGTFPLSTRVPGAEECERAVIDFVAFODISIKRLQRLQALEAPE 240
DB 181 LNVPGSSHDITLCTSCGTFPLSTRVPGAEECERAVIDFVAFODISIKRLQRLQALEAPE 240
QY 241 GNGPTPRAGRAALQKLRRLTELIGADGALLVRLQALRVARMPGLERSYRERFLPVH 300
DB 241 GNGPTPRAGRAALQKLRRLTELIGADGALLVRLQALRVARMPGLERSYRERFLPVH 300

RESULT 7
US-10-129-709-1
; Sequence 1, Application US/10129709
; Publication No. US20030055221A1
; GENERAL INFORMATION:
; APPLICANT: Wichter, Derrick
; APPLICANT: Lu, Jitong
; TITLE OF INVENTION: Improving stability of FLINT through O-linked glycosylation
; FILE REFERENCE: X-13531M
; CURRENT APPLICATION NUMBER: US/10/129,709
; CURRENT FILING DATE: 2002-05-07

```
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1
; LENGTH: 271
; TYPE: PRF
; ORGANISM: Homo sapiens
US-10-129-709-1
```

```
Query Match          91.2%; Score 1491; DB 9; Length 271;
Best Local Similarity 100.0%; Pred. No. 2.2e-103;
Matches 271; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 30 VAETPTTPMDATGELVCAQCPPTGTPVORPCRRDSTPTGCPGPPHYQFWMYLERCR 89
   |||||||
DB 1 VAETPTTPMDATGELVCAQCPPTGTPVORPCRRDSTPTGCPGPPHYQFWMYLERCR 60
   |||||||
QY 90 YCNVLCGEREEERACHATNHRACRCRTGFFAHAGFCLHASCPPGAGVIAPTGPTSONQ 149
   |||||||
DB 61 YCNVLCGEREEERACHATNHRACRCRTGFFAHAGFCLHASCPPGAGVIAPTGPTSONQ 120
   |||||||
QY 150 CQCPPTGFSASSSSSEOCQPHRNCATGALANVPSSSHDTLCTSGTGFPLSTRVPAE 209
   |||||||
DB 121 CQCPPTGFSASSSSSEOCQPHRNCATGALANVPSSSHDTLCTSGTGFPLSTRVPAE 180
   |||||||
QY 210 ECRRAVIDFAFODISIKRLQRLQLEAPEGWGPTRAGRAALQTLRRITELLGAQD 269
   |||||||
DB 181 ECRRAVIDFAFODISIKRLQRLQLEAPEGWGPTRAGRAALQTLRRITELLGAQD 240
   |||||||
QY 270 GALLVRLQALRVARMGLERSVREPLPVH 300
   |||||||
DB 241 GALLVRLQALRVARMGLERSVREPLPVH 271
   |||||||
```

```
RESULT 8
US-09-877-156-20
; Sequence 20, Application US/09877156
; Patent No. US20020055625A1
; GENERAL INFORMATION:
; APPLICANT: Catherine Tribouley
; TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
; FILE REFERENCE: 1408.003/200130.439C1
; CURRENT APPLICATION NUMBER: US/09/877,156
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/286,529
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 211
; TYPE: PRF
; ORGANISM: Homo sapiens
US-09-877-156-20
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```
Query Match          72.0%; Score 1177; DB 10; Length 211;
Best Local Similarity 99.0%; Pred. No. 3.4e-80;
Matches 208; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY 1 MRALGEGSLILCLVIALPALLPVAVRGVAETPTTPMDATGELVCAQCPPTGTPVOR 60
   |||||||
DB 1 MRALGEGSLILCLVIALPALLPVAVRGVAETPTTPMDATGELVCAQCPPTGTPVOR 60
   |||||||
QY 61 PCRDRSPTTCGCPPRHYTQFWMYLERCRYCNVLCGEREEERACHATNHRACRCRTGFF 120
   |||||||
DB 61 PCRDRSPTTCGCPPRHYTQFWMYLERCRYCNVLCGEREEERACHATNHRACRCRTGFF 120
   |||||||
QY 121 AHAGFCLHASCPPGAGVIAPTGPTSONQCPGPTGFSASSSSSEOCQPHRNCATGALA 180
   |||||||
DB 121 AHAGFCLHASCPPGAGVIAPTGPTSONQCPGPTGFSASSSSSEOCQPHRNCATGALA 180
   |||||||
QY 181 LNPVSSSHDTLCTSGTGFPLSTRVPAE 210
   |||||||
DB 181 LNPVSSSHDTLCTSGTGFPLSTRVPAE 210
   |||||||
```

```
RESULT 9
US-09-877-156-2
; Sequence 2, Application US/09877156
; Patent No. US20020055625A1
; GENERAL INFORMATION:
; APPLICANT: Catherine Tribouley
; TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
; FILE REFERENCE: 1408.003/200130.439C1
; CURRENT APPLICATION NUMBER: US/09/877,156
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/286,529
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 153
; TYPE: PRF
; ORGANISM: human
US-09-877-156-2
```

```
Query Match          51.5%; Score 841; DB 10; Length 153;
Best Local Similarity 100.0%; Pred. No. 2.1e-55;
Matches 153; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 85 LERCRCNVLCGEREEERACHATNHRACRCRTGFFAHAGFCLHASCPPGAGVIAPTG 144
   |||||||
DB 1 LERCRCNVLCGEREEERACHATNHRACRCRTGFFAHAGFCLHASCPPGAGVIAPTG 60
   |||||||
QY 145 SONTQCPGPTGFSASSSSSEOCQPHRNCATGALANVPSSSHDTLCTSGTGFPLSTR 204
   |||||||
DB 61 SONTQCPGPTGFSASSSSSEOCQPHRNCATGALANVPSSSHDTLCTSGTGFPLSTR 120
   |||||||
QY 205 VPGAEECCRAVIDFAFODISIKRLQRLQLE 237
   |||||||
DB 121 VPGAEECCRAVIDFAFODISIKRLQRLQLE 153
   |||||||
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RESULT 10
US-09-935-727-4
; Sequence 4, Application US/09935727
; Patent No. US20020150583A1
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Tumor Necrosis Factor Receptors 6 Alpha and 6 Beta
; FILE REFERENCE: PF454P2
; CURRENT APPLICATION NUMBER: US/09/935,727
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 60/303,224
; PRIOR FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 60/252,131
; PRIOR FILING DATE: 2000-11-21
; PRIOR APPLICATION NUMBER: 60/227,598
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 09/518,931
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/168,235
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: 60/131,270
; PRIOR FILING DATE: 1999-04-30
; PRIOR APPLICATION NUMBER: 60/131,964
; PRIOR FILING DATE: 1999-08-02
; PRIOR APPLICATION NUMBER: 60/124,092
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 60/121,774
; PRIOR FILING DATE: 1999-03-04
; PRIOR APPLICATION NUMBER: 09/006,352
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: 60/035,496
; PRIOR FILING DATE: 1997-01-14
; NUMBER OF SEQ ID NOS: 42
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 4
LENGTH: 170
TYPE: PRT
ORGANISM: Homo sapiens
US-09-935-727-4

Query Match 49.8%; Score 814; DB 10; Length 170;
Best Local Similarity 100.0%; Pred. No. 2.4e-53;
Matches 142; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRALGPGSLCLVIALPALLPVPAVRGVAETPTYPWRDAETGERLVCAQCPPTGFVQR 60
DB 1 MRALGPGSLCLVIALPALLPVPAVRGVAETPTYPWRDAETGERLVCAQCPPTGFVQR 60
QY 61 PCRDSPTTCGPPPHHYTOFWNYLERCRVCNLCGEREERARACHATHNRACRCRTGFF 120
DB 61 PCRDSPTTCGPPPHHYTOFWNYLERCRVCNLCGEREERARACHATHNRACRCRTGFF 120
QY 121 AHAGFCLERHASCPPGAGVIAPG 142
DB 121 AHAGFCLERHASCPPGAGVIAPG 142

RESULT 11

US-09-062-113-71
Sequence 71, Application US/09062113
Patent No. US20020051969A1

GENERAL INFORMATION:

APPLICANT: GOTO, Masaaki
APPLICANT: TSUDA, Eisuke
APPLICANT: MOCHIZUKI, Shin'ichi
APPLICANT: YANO, Kazuki
APPLICANT: KOBAYASHI, Fumie
APPLICANT: SHIMA, No. US20020051969A1yuyuki
APPLICANT: YASUDA, Hisataka
APPLICANT: NAKAGAWA, No. US20020051969A1uaki
APPLICANT: MORINAGA, Tomonori
APPLICANT: UEDA, Masatsugu
APPLICANT: HIGASHIO, Kanji
TITLE OF INVENTION: No. US20020051969A1el Proteins and Methods for Producing
TITLE OF INVENTION: the Proteins
NUMBER OF SEQUENCES: 108
CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibault
STREET: 125 High St.
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/062, 113
FILING DATE: 17-APR-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 54977/1995
FILING DATE: 20-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 207508/1995
FILING DATE: 21-JUL-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP96/00374
FILING DATE: 20-FEB-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/915, 004
FILING DATE: 20-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: MOORE, Ronda P.

REGISTRATION NUMBER: 44,244
REFERENCE/DOCKET NUMBER: JUN-060DV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7100
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 326 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear

MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Peptide
LOCATION: -21..0
FEATURE:
NAME/KEY: Protein
LOCATION: 1..305
OTHER INFORMATION: /note= "OCIF-DDI"

US-09-062-113-71

Query Match 28.5%; Score 465.5; DB 10; Length 326;
Best Local Similarity 32.6%; Pred. No. 3.6e-27;
Matches 101; Conservative 59; Mismatches 113; Indels 37; Gaps 9;

QY 10 SLICVIALPALLPVPAVRGVAET--PTYPWRDAETGERLVCAQCPPTGFVQRCDRSP 67
DB 3 NLLCCAL---VFLDISIKMTTQTEFPKYLHYDEITSHQLLCKCPGTYLKKQCNDAKKW 59
QY 68 TTCGCPPHHYTOFWNYLERCRVCNLCGEREERARACHATHNRACRCRTGFFAHAGFCL 127
DB 60 TVCAPCPDHYTSMHNSDECLYCSPPKRELQYKQCNATHNRVCCKRGRIYEIEFCL 119
QY 128 EHASCPPGAGVIAPGPSNTQCPCCPGTFSASSSSSECCQPHRNCTALGLALNPGSS 187
DB 120 KHRSCPPGFGVQAGPERNTVCRCPCDGFNSSTSKAPCRKHTNCSVFGLLLTOKGNA 179
QY 188 SHDTCISCTGFPSTFVPG--AECERAVIDFAFDISIKRLQRLQLEAPEGMGPT 245
DB 180 THDNT--CSGNSBSTQKCIDIDLCENSVQRHGHANLFEQRLSMESEL-----PG 229
QY 246 PRAGRAALQTLKR-----RLTELL-----GAQDGLIVRLQALVARMPGLERSVR 293
DB 230 KVGAGDIEKTIRACKRSDILKLLSLMRINKGDD--TLKGLMHALKSKTYHFPKTVT 287
QY 294 E-----RFL 297
DB 288 QSLKKTIRFL 297

RESULT 12

US-09-062-113-62
Sequence 62, Application US/09062113
Patent No. US20020051969A1

GENERAL INFORMATION:

APPLICANT: GOTO, Masaaki
APPLICANT: TSUDA, Eisuke
APPLICANT: MOCHIZUKI, Shin'ichi
APPLICANT: YANO, Kazuki
APPLICANT: KOBAYASHI, Fumie
APPLICANT: SHIMA, No. US20020051969A1yuyuki
APPLICANT: YASUDA, Hisataka
APPLICANT: NAKAGAWA, No. US20020051969A1uaki
APPLICANT: MORINAGA, Tomonori
APPLICANT: UEDA, Masatsugu
APPLICANT: HIGASHIO, Kanji
TITLE OF INVENTION: No. US20020051969A1el Proteins and Methods for Producing
TITLE OF INVENTION: the Proteins
NUMBER OF SEQUENCES: 108
CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibault
STREET: 125 High St.
CITY: Boston

```

STATE: MA
COUNTRY: USA
ZIP: 02110

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/062,113
FILING DATE: 17-APR-1998

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 54977/1995
FILING DATE: 20-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 207508/1995
FILING DATE: 21-JUL-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP96/00374
FILING DATE: 20-FEB-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/915,004
FILING DATE: 20-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: MOORE, Ronda P.
REGISTRATION NUMBER: 44,244
REFERENCE/DOCKET NUMBER: FJN-060DV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Peptide
LOCATION: -21..0
FEATURE:
NAME/KEY: Protein
LOCATION: 1..380
OTHER INFORMATION: /note= "OC1F-C19S"
US-09-062-113-62

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Query Match          27.4%; Score 447; DB 10; Length 401;
Best Local Similarity 39.4%; Pred. No. 1.le-25;
Matches 84; Conservative 33; Mismatches 86; Indels 10; Gaps 4.

QY      10 SLCLVLVLPALLPVPVAVGAET--PYPRMDAETGRLVCAOCPPGTFWOPCRDSDP 67
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      3 NLCCAL---VFLDISIKWTQETFPFRPYTLHYDETSQILCCDKCPPGTYLKHOKTAAWK 59
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

QY      68 TTGCPPEPRHYTOFWNTYLERCYCNVLGGEEREERACHATHNRACRCTGFFAHAGCL 127
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      60 TVCACPDPHYTDSMHTSDECLCSPVCKELQYVQECNRRHNHRCCKEKGYLEIEFCL 119
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

QY      128 EHASCPEGAGVIAPGTSPQNTQCQCPGPTGSASSSSSEOCQPHRNCTALGIALNVPGSS 187
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      120 KHRSCPFGVYVQAGTPERNVTKRCRCPDGFPSNETSSAKPCKRHNCVFGILLQKQNA 179
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

QY      188 SHDTLCTSGTGPLLSTRVGAEE--CERAVYDF 218
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      180 THDNI---CSGNSSESTQKSGIDVTLCEAFPRF 209
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

RESULT 13
US-09-062-113-75
; Sequence 75, Application US/09062113
; Patent No. US20020051969A1
; GENERAL INFORMATION:

```

APPLICANT: GOTO, Masaaki
 APPLICANT: TSUDA, Eisuke
 APPLICANT: MOCHIZUKI, Shin'ichi
 APPLICANT: YANO, Kazuki
 APPLICANT: KOBAYASHI, Fumie
 APPLICANT: SHIMA, No. US20020051969A1uyuk1
 APPLICANT: YASUDA, Hisataka
 APPLICANT: NAKAGAWA, No. US20020051969A1uaki
 APPLICANT: MORINAGA, Tomonori
 APPLICANT: UEDA, Masatsugu
 APPLICANT: HIGASHIO, Kanji
 TITLE OF INVENTION: No. US20020051969A1el Proteins and Methods for Producing
 TITLE OF INVENTION: the Proteins
 NUMBER OF SEQUENCES: 108
 CORRESPONDENCE ADDRESSES:
 ADDRESSEE: Testa, Hurwitz & Thibault
 STREET: 125 High St.
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/062,113
 FILING DATE: 17-APR-1998
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP 54977/1995
 FILING DATE: 20-FEB-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP 207508/1995
 FILING DATE: 21-JUL-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/JP96/00374
 FILING DATE: 20-FEB-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/915,004
 FILING DATE: 20-FEB-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: MOORE, Ronda P.
 REGISTRATION NUMBER: 44,244
 REFERENCE/DOCKET NUMBER: RJN-060DV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 248-7000
 TELEFAX: (617) 248-7100
 INFORMATION FOR SEQ ID NO: 75:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 272 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FEATURE:
 NAME/KEY: Peptide
 LOCATION: -21..0
 FEATURE:
 NAME/KEY: Protein
 LOCATION: 1..251
 OTHER INFORMATION: /note="OC1F-CDD2"
 US-09-2002-113-75

	Query Match	27.2%	Score 445	DB 10	length 272
	Best Local Similarity	39.4%	Pred. No. 9.7e-26		
	Matches	84	Conservative	33	Mismatches 86; Indels 10; Gaps 4
QY	10 SLCTCLALPALLPYPAVPAVGR--PYYPRDRAETGRLYCAACQCPSTFYQVRPCRRSP	67			
DB	3 NLICCAL--VFLDLSIKWTQETPPRYLHYDSTSLQQLCDCKPCPTYLKROCTATWK	59			

CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibault
STREET: 125 High St.
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/062,113
FILING DATE: 17-APR-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 54977/1995
FILING DATE: 20-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 207508/1995
FILING DATE: 21-JUL-1995
PRIOR APPLICATION DATA:

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1  APPLICATION NUMBER: PCT/jp96/00374
2  FILING DATE: 20-FEB-1996
3  PRIOR APPLICATION DATA:
4  APPLICATION NUMBER: US 08/915,004
5  FILING DATE: 20-FEB-1996
6  ATTORNEY/AGENT INFORMATION:
7  NAME: MOORE, RONDA P.
8  REGISTRATION NUMBER: 44,244
9  REFERENCE/DOCKET NUMBER: FIN-060DV
10 TELECOMMUNICATION INFORMATION:
11 TELEPHONE: (617) 248-7000
12 TELEFAX: (617) 248-7100
13 INFORMATION FOR SEQ ID NO: 72:
14 SEQUENCE CHARACTERISTICS:
15     LENGTH: 327 amino acids
16     TYPE: amino acid
17     STRANDEDNESS:
18     TOPOLOGY: linear
19     MOLECULE TYPE: protein
20     FEATURE:
21     NAME/KEY: Peptide
22     LOCATION: -21..0
23     FEATURE:
24     NAME/KEY: Protein
25     LOCATION: 1..306
26     OTHER INFORMATION: /note= "OC1F-DDD2
27 US-09-0002-113-72

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OM protein - protein search, using sw model

Run on: June 5, 2003, 14:07:27 ; Search time 15 Seconds
(without alignments)
586.458 Million cell updates/sec

Title: US-09-935-727-2

Perfect score: 300
Sequence: 1 MRALEGPGLSLCLVLALPA.....RVAMPGLERSVREPLPVH 300

Scoring table:

Gapop 60.0 , Gapext 60.0

Searched: 262574 seqs, 29422922 residues

Word size : 0

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database :

Issued_Patents_AA:*
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2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/1/1aa/PCTUS.COMB.pep:*
6: /cgn2_6/ptodata/1/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	300	100.0	300	2	US-08-794-796-2
2	207	69.0	211	4	US-09-286-529-20
3	179	59.7	299	4	US-09-286-529-17
4	153	51.0	153	4	US-09-286-529-2
5	8	2.7	28	3	US-08-938-548B-4
6	8	2.7	28	3	US-08-938-548B-9
7	8	2.7	28	3	US-08-938-548B-12
8	8	2.7	28	4	US-08-939-093A-4
9	8	2.7	28	4	US-08-939-093A-9
10	8	2.7	28	4	US-08-939-093A-12
11	8	2.7	123	3	US-08-938-548B-10
12	8	2.7	123	3	US-08-939-093A-10
13	8	2.7	130	3	US-08-938-548B-6
14	8	2.7	130	4	US-08-939-093A-6
15	8	2.7	131	3	US-08-938-548B-2
16	8	2.7	131	4	US-08-939-093A-2
17	8	2.7	1172	1	US-08-313-288B-19
18	8	2.7	4472	2	US-08-804-227C-2
19	8	2.3	26	1	US-07-776-272-25
20	7	2.3	27	1	US-07-924-054-10
21	7	2.3	27	1	US-08-062-472B-43
22	7	2.3	27	1	US-08-519-180-6
23	7	2.3	27	2	US-08-818-253-36
24	7	2.3	27	4	US-08-818-253-36
25	7	2.3	27	4	US-09-260-846-18
26	7	2.3	27	4	US-08-842-322-30
27	7	2.3	27	4	US-09-316-919-52

28	7	2.3	69	2	US-08-583-569-1	Sequence 1, Appl1
29	7	2.3	77	4	US-09-146-950-25	Sequence 25, Appl1
30	7	2.3	150	1	US-08-374-843B-6	Sequence 6, Appl1
31	7	2.3	150	1	US-08-374-843B-10	Sequence 10, Appl1
32	7	2.3	150	2	US-08-905-420-6	Sequence 6, Appl1
33	7	2.3	150	2	US-08-905-420-10	Sequence 10, Appl1
34	7	2.3	155	4	US-09-146-950-4	Sequence 4, Appl1
35	7	2.3	159	4	US-09-146-950-20	Sequence 20, Appl1
36	7	2.3	181	1	US-08-185-432-6	Sequence 6, Appl1
37	7	2.3	193	4	US-09-146-950-2	Sequence 2, Appl1
38	7	2.3	197	4	US-09-146-950-18	Sequence 18, Appl1
39	7	2.3	207	4	US-09-199-637A-211	Sequence 211, App
40	7	2.3	235	4	US-09-066-408-12	Sequence 12, Appl1
41	7	2.3	283	4	US-08-509-024-2	Sequence 2, Appl1
42	7	2.3	283	4	US-09-333-279-2	Sequence 2, Appl1
43	7	2.3	283	4	US-09-072-993C-2	Sequence 2, Appl1
44	7	2.3	283	5	PCT-US96-12374-2	Sequence 2, Appl1
45	7	2.3	315	3	US-08-965-903B-8	Sequence 8, Appl1

ALIGNMENTS

RESULT 1
US-08-794-796-2
; Sequence 2, Application US/08794796
; Patent No. 5858800
; GENERAL INFORMATION:
; APPLICANT: Emery, John
; APPLICANT: Tan, KB
; APPLICANT: Truneh, Alem
; APPLICANT: Young, Peter
; TITLE OF INVENTION: Tumor Necrosis Related Receptor,
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/794,796
; FILING DATE: 04-PEB-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Han, William T
; REGISTRATION NUMBER: 34,344
; REFERENCE/DOCKET NUMBER: GH50000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5219
; TELEFAX: 610-270-4026
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 300 amino acids
; TYPE: amino acid
; STRANDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-794-796-2
; Query Match 100.0%; Score 300; DB 2; Length 300;
; Best Local Similarity 100.0%; Pred. No. 2.9e-268;

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Matches 300; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MRALGPGSLCLVIALPALPVPVAVGAEPTTYPWRDAETGERLYCAQCPGTFVOR 60
Db 1 MRALGPGSLCLVIALPALPVPVAVGAEPTTYPWRDAETGERLYCAQCPGTFVOR 60
QY 61 PCRDSPTTCGPPRRHYTTFWNYLERCRVCNVLGGEREEARACHATNRACRCRTGFF 120
Db 61 PCRDSPTTCGPPRRHYTTFWNYLERCRVCNVLGGEREEARACHATNRACRCRTGFF 120
QY 121 AHAGFCLHASCPPGAGVIAAGTPTSONTCOPCPGTFSSASSSSSECCOPHRNCTALGLA 180
Db 121 AHAGFCLHASCPPGAGVIAAGTPTSONTCOPCPGTFSSASSSSSECCOPHRNCTALGLA 180
QY 181 LNPVSSSHDTLCTSCGFLSTRVPGAECERAVIDFAFODISIKRLQRLQALEAPE 240
Db 181 LNPVSSSHDTLCTSCGFLSTRVPGAECERAVIDFAFODISIKRLQRLQALEAPE 240
QY 241 GWGPTPRAGRAALQIKLRRLTTLGAQDALLVRLQALRVARMGLESVEREPLVH 300
Db 241 GWGPTPRAGRAALQIKLRRLTTLGAQDALLVRLQALRVARMGLESVEREPLVH 300
```

```
RESULT 2
US-09-286-529-20
; Sequence 20, Application US/09286529
; Patent No. 6297367
; GENERAL INFORMATION:
; APPLICANT: Catherine Tribouley
; TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
; FILE REFERENCE: 1408.003/200130.439C1
; CURRENT APPLICATION NUMBER: US/09/286.529
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-286-529-20
```

```
Query Match
Best Local Similarity 100.0%; Score 207; DB 4; Length 211;
Matches 207; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 MRALGPGSLCLVIALPALPVPVAVGAEPTTYPWRDAETGERLYCAQCPGTFVOR 60
Db 1 MRALGPGSLCLVIALPALPVPVAVGAEPTTYPWRDAETGERLYCAQCPGTFVOR 60
QY 61 PCRDSPTTCGPPRRHYTTFWNYLERCRVCNVLGGEREEARACHATNRACRCRTGFF 120
Db 61 PCRDSPTTCGPPRRHYTTFWNYLERCRVCNVLGGEREEARACHATNRACRCRTGFF 120
QY 121 AHAGFCLHASCPPGAGVIAAGTPTSONTCOPCPGTFSSASSSSSECCOPHRNCTALGLA 180
Db 121 AHAGFCLHASCPPGAGVIAAGTPTSONTCOPCPGTFSSASSSSSECCOPHRNCTALGLA 180
QY 181 LNPVSSSHDTLCTSCGFLSTRVPGA 207
Db 181 LNPVSSSHDTLCTSCGFLSTRVPG 207
```

```
RESULT 3
US-09-286-529-17
; Sequence 17, Application US/09286529
; Patent No. 6297367
; GENERAL INFORMATION:
; APPLICANT: Catherine Tribouley
; TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
; FILE REFERENCE: 1408.003/200130.439C1
; CURRENT APPLICATION NUMBER: US/09/286.529
; CURRENT FILING DATE: 1999-04-05
; NUMBER OF SEQ ID NOS: 25
```

```
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-286-529-17
```

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Query Match
Best Local Similarity 99.7%; Score 179; DB 4; Length 299;
Matches 299; Conservative 0; Mismatches 0; Indels 1; Gaps 1;
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```
QY 1 MRALGPGSLCLVIALPALPVPVAVGAEPTTYPWRDAETGERLYCAQCPGTFVOR 60
Db 1 MRALGPGSLCLVIALPALPVPVAVGAEPTTYPWRDAETGERLYCAQCPGTFVOR 60
QY 61 PCRDSPTTCGPPRRHYTTFWNYLERCRVCNVLGGEREEARACHATNRACRCRTGFF 120
Db 61 PCRDSPTTCGPPRRHYTTFWNYLERCRVCNVLGGEREEARACHATNRACRCRTGFF 120
QY 121 AHAGFCLHASCPPGAGVIAAGTPTSONTCOPCPGTFSSASSSSSECCOPHRNCTALGLA 180
Db 121 AHAGFCLHASCPPGAGVIAAGTPTSONTCOPCPGTFSSASSSSSECCOPHRNCTALGLA 179
QY 181 LNPVSSSHDTLCTSCGFLSTRVPGAECERAVIDFAFODISIKRLQRLQALEAPE 240
Db 181 LNPVSSSHDTLCTSCGFLSTRVPGAECERAVIDFAFODISIKRLQRLQALEAPE 239
QY 241 GWGPTPRAGRAALQIKLRRLTTLGAQDALLVRLQALRVARMGLESVEREPLVH 300
Db 240 GWGPTPRAGRAALQIKLRRLTTLGAQDALLVRLQALRVARMGLESVEREPLVH 299
```

```
RESULT 4
US-09-286-529-2
; Sequence 2, Application US/09286529
; Patent No. 6297367
; GENERAL INFORMATION:
; APPLICANT: Catherine Tribouley
; TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
; FILE REFERENCE: 1408.003/200130.439C1
; CURRENT APPLICATION NUMBER: US/09/286.529
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 153
; TYPE: PRT
; ORGANISM: human
US-09-286-529-2
```

```
Query Match
Best Local Similarity 100.0%; Score 153; DB 4; Length 153;
Matches 153; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 85 LERCRCNVLCGGEREEARACHATNRACRCRTGFAHAGFCLHASCPPGAGVIAAGTPT 144
Db 1 LERCRCNVLCGGEREEARACHATNRACRCRTGFAHAGFCLHASCPPGAGVIAAGTPT 60
QY 145 SONTQOCPPGTFSSASSSSSECCOPHRNCTALGLALNPVSSSHDTLCTSCGFLSTR 204
Db 61 SONTQOCPPGTFSSASSSSSECCOPHRNCTALGLALNPVSSSHDTLCTSCGFLSTR 120
QY 205 VPGAECERAVIDFAFODISIKRLQRLQALE 237
Db 121 VPGAECERAVIDFAFODISIKRLQRLQALE 153
```

```
RESULT 5
US-08-938-548B-4
; Sequence 4, Application US/08938548B
; Patent No. 6001963
; GENERAL INFORMATION:
; APPLICANT: Yanagisawa, Masashi
```

APPLICANT: Bergsma, Derk
APPLICANT: Wilson, Shelagh
APPLICANT: Brooks, David
APPLICANT: Gellai, Miklos
TITLE OF INVENTION: NOVEL LIGANDS OF THE NEUROPEPTIDE
TITLE OF INVENTION: RECEPTOR HFGAN72
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: United States of America
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/938,548B
FILING DATE: 26-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/887,382
FILING DATE: 2-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/820,519
FILING DATE: 19-MAR-1997
APPLICATION NUMBER: 60/033,604
FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth J. Hecht
REGISTRATION NUMBER: 41,824
REFERENCE/DOCKET NUMBER: ATG50037-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5009
TELEFAX: 610-270-5090
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-938-548B-4

Query Match 2.7%; Score 8; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 228 RLQRLQA 235
DB 10 RLQRLQA 17

RESULT 6
US-08-938-548B-9
Sequence 9, Application US/08938548B
Patent No. 6001963
GENERAL INFORMATION:
APPLICANT: Yanagisawa, Masashi
APPLICANT: Bergsma, Derk
APPLICANT: Wilson, Shelagh
APPLICANT: Brooks, David
APPLICANT: Gellai, Miklos
TITLE OF INVENTION: NOVEL LIGANDS OF THE NEUROPEPTIDE
TITLE OF INVENTION: RECEPTOR HFGAN72
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road

CITY: King of Prussia
STATE: PA
COUNTRY: United States of America
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/938,548B
FILING DATE: 26-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/887,382
FILING DATE: 2-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/820,519
FILING DATE: 19-MAR-1997
APPLICATION NUMBER: 60/033,604
FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth J. Hecht
REGISTRATION NUMBER: 41,824
REFERENCE/DOCKET NUMBER: ATG50037-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5009
TELEFAX: 610-270-5090
TELEX:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-938-548B-9

Query Match 2.7%; Score 8; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 228 RLQRLQA 235
DB 10 RLQRLQA 17

RESULT 7
US-08-938-548B-12
Sequence 12, Application US/08938548B
Patent No. 6001963
GENERAL INFORMATION:
APPLICANT: Yanagisawa, Masashi
APPLICANT: Bergsma, Derk
APPLICANT: Wilson, Shelagh
APPLICANT: Brooks, David
APPLICANT: Gellai, Miklos
TITLE OF INVENTION: NOVEL LIGANDS OF THE NEUROPEPTIDE
TITLE OF INVENTION: RECEPTOR HFGAN72
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: United States of America
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/938,548B
FILING DATE: 26-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/887,382
FILING DATE: 2-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/820,519
FILING DATE: 19-MAR-1997
APPLICATION NUMBER: 60/033,604
FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth J. Hecht
REGISTRATION NUMBER: 41,824
REFERENCE/DOCKET NUMBER: ATG50037-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5009
TELEFAX: 610-270-5090
TELEX:
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-938-548B-12

Query Match 2.7%; Score 8; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 228 RLORLLQA 235
|||||||
DB 10 RLORLLQA 17

RESULT 8
US-08-939-093A-4
Sequence 4, Application US/08939093A
Patent No. 6309854
GENERAL INFORMATION:
APPLICANT: Yanagisawa, Masashi
APPLICANT: Bergsma, Derk
APPLICANT: Wilson, Shelagh
APPLICANT: Brooks, David
APPLICANT: Gellai, Miklos
TITLE OF INVENTION: NOVEL LIGANDS OF THE NEUROPEPTIDE
TITLE OF INVENTION: RECEPTOR HFGAN72
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: United States of America
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/939,093A
FILING DATE: 26-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/887,382
FILING DATE: 2-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/820,519
FILING DATE: 19-MAR-1997
APPLICATION NUMBER: 60/033,604

FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: King, William T.
REGISTRATION NUMBER: 30,954
REFERENCE/DOCKET NUMBER: ATG50037-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219
TELEFAX: 610-270-4026
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-939-093A-4

Query Match 2.7%; Score 8; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 228 RLORLLQA 235
|||||||
DB 10 RLORLLQA 17

RESULT 9
US-08-939-093A-9
Sequence 9, Application US/08939093A
Patent No. 6309854
GENERAL INFORMATION:
APPLICANT: Yanagisawa, Masashi
APPLICANT: Bergsma, Derk
APPLICANT: Wilson, Shelagh
APPLICANT: Brooks, David
APPLICANT: Gellai, Miklos
TITLE OF INVENTION: NOVEL LIGANDS OF THE NEUROPEPTIDE
TITLE OF INVENTION: RECEPTOR HFGAN72
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: United States of America
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/939,093A
FILING DATE: 26-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/887,382
FILING DATE: 2-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/820,519
FILING DATE: 19-MAR-1997
APPLICATION NUMBER: 60/033,604
FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: King, William T.
REGISTRATION NUMBER: 30,954
REFERENCE/DOCKET NUMBER: ATG50037-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219
TELEFAX: 610-270-4026
TELEX:
INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-939-093A-9

Query Match 2.7%; Score 8; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 228 RLQRLQA 235
Db 10 RLQRLQA 17

RESULT 10

US-08-939-093A-12
Sequence 12, Application US/08939093A
Patent No. 6309854

GENERAL INFORMATION:
APPLICANT: Yanagisawa, Masashi
APPLICANT: Bergsma, Dirk
APPLICANT: Wilson, Shelagh
APPLICANT: Brooks, David
APPLICANT: Gellai, Miklos
TITLE OF INVENTION: NOVEL LIGANDS OF THE NEUROPEPTIDE
NUMBER OF INVENTION: RECEPTOR HFGAN72
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA

COUNTRY: United States of America
ZIP: 19406

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/939,093A
FILING DATE: 26-SEPT-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/887,382

FILING DATE: 2-JUL-1997

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/820,519

FILING DATE: 19-MAR-1997

APPLICATION NUMBER: 60/033,604

FILING DATE: 17-DEC-1997

ATTORNEY/AGENT INFORMATION:
NAME: King, William F.

REGISTRATION NUMBER: 30,954

REFERENCE/DOCKET NUMBER: ATG50037-3

TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219

TELEFAX: 610-270-4026

TELEX:

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 28 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-939-093A-12

Query Match 2.7%; Score 8; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.6;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 228 RLQRLQA 235
Db 10 RLQRLQA 17

RESULT 11

US-08-938-548B-10
Sequence 10, Application US/08938548B
Patent No. 6001963

GENERAL INFORMATION:
APPLICANT: Yanagisawa, Masashi
APPLICANT: Bergsma, Dirk
APPLICANT: Wilson, Shelagh
APPLICANT: Brooks, David
APPLICANT: Gellai, Miklos
TITLE OF INVENTION: NOVEL LIGANDS OF THE NEUROPEPTIDE
NUMBER OF INVENTION: RECEPTOR HFGAN72
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA

COUNTRY: United States of America
ZIP: 19406

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/938,548B

FILING DATE: 26-SEPT-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/887,382

FILING DATE: 2-JUL-1997

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/820,519

FILING DATE: 19-MAR-1997

APPLICATION NUMBER: 60/033,604

FILING DATE: 17-DEC-1997

ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth J. Hecht

REGISTRATION NUMBER: 41,824

REFERENCE/DOCKET NUMBER: ATG50037-2

TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5090

TELEFAX: 610-270-5090

TELEX:

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 123 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-938-548B-10

Query Match 2.7%; Score 8; DB 3; Length 123;
Best Local Similarity 100.0%; Pred. No. 6.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 228 RLQRLQA 235
Db 71 RLQRLQA 78

RESULT 12

US-08-939-093A-10
Sequence 10, Application US/08939093A

Patent No. 6309854
GENERAL INFORMATION:
APPLICANT: Yanagisawa, Masashi
APPLICANT: Bergsma, Derk
APPLICANT: Wilson, Shelagh
APPLICANT: Brooks, David
APPLICANT: Gellai, Miklos
TITLE OF INVENTION: NOVEL LIGANDS OF THE NEUROPEPTIDE
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Smithkline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: United States of America
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/939,093A
FILING DATE: 26-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/887,382
FILING DATE: 2-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/820,519
FILING DATE: 19-MAR-1997
APPLICATION NUMBER: 60/033,604
FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: King, William T.
REGISTRATION NUMBER: 30,954
REFERENCE/DOCKET NUMBER: ATG50037-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219
TELEFAX: 610-270-4026
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 123 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-939-093A-10

Query Match 2.7%; Score 8; DB 4; Length 123;
Best Local Similarity 100.0%; Pred. No. 6.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 228 RLORLQA 235
Db 71 RLORLQA 78

RESULT 13
US-08-938-548B-6
Sequence 6, Application US/08938548B
Patent No. 6001963
GENERAL INFORMATION:
APPLICANT: Yanagisawa, Masashi
APPLICANT: Bergsma, Derk
APPLICANT: Wilson, Shelagh
APPLICANT: Brooks, David
APPLICANT: Gellai, Miklos
TITLE OF INVENTION: NOVEL LIGANDS OF THE NEUROPEPTIDE
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Smithkline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: United States of America
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/938,548B
FILING DATE: 26-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/887,382
FILING DATE: 2-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/820,519
FILING DATE: 19-MAR-1997
APPLICATION NUMBER: 60/033,604
FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth J. Hecht
REGISTRATION NUMBER: 41,824
REFERENCE/DOCKET NUMBER: ATG50037-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5009
TELEFAX: 610-270-5090
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 130 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-938-548B-6

CORRESPONDENCE ADDRESS:
ADDRESSEE: Smithkline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: United States of America
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/938,548B
FILING DATE: 26-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/887,382
FILING DATE: 2-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/820,519
FILING DATE: 19-MAR-1997
APPLICATION NUMBER: 60/033,604
FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth J. Hecht
REGISTRATION NUMBER: 41,824
REFERENCE/DOCKET NUMBER: ATG50037-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5009
TELEFAX: 610-270-5090
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 130 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-938-548B-6

Query Match 2.7%; Score 8; DB 3; Length 130;
Best Local Similarity 100.0%; Pred. No. 6.4;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 228 RLORLQA 235
Db 78 RLORLQA 85

RESULT 14
US-08-939-093A-6
Sequence 6, Application US/08939093A
Patent No. 6309854
GENERAL INFORMATION:
APPLICANT: Yanagisawa, Masashi
APPLICANT: Bergsma, Derk
APPLICANT: Wilson, Shelagh
APPLICANT: Brooks, David
APPLICANT: Gellai, Miklos
TITLE OF INVENTION: NOVEL LIGANDS OF THE NEUROPEPTIDE
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Smithkline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: United States of America
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/939,093A
FILING DATE: 26-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/887,382
FILING DATE: 2-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/820,519
FILING DATE: 19-MAR-1997
APPLICATION NUMBER: 60/033,604
FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: KING, William T.
REGISTRATION NUMBER: 30,954
REFERENCE/DOCKET NUMBER: ATG50037-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219
TELEFAX: 610-270-4026
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 130 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-939-093A-6

Query Match 2.7%; Score 8; DB 4; Length 130;
Best Local Similarity 100.0%; Pred. No. 6.4;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 228 RLQRLQA 235
Db 78 RLQRLQA 85

RESULT 15
US-08-938-548B-2
Sequence 2, Application US/08938548B
Patent No. 6001963
GENERAL INFORMATION:
APPLICANT: Yanagisawa, Masashi
APPLICANT: Bergsma, Derk
APPLICANT: Wilson, Shelagh
APPLICANT: Brooks, David
APPLICANT: Gellai, Miklos
TITLE OF INVENTION: NOVEL LIGANDS OF THE NEUROPEPTIDE
TITLE OF INVENTION: RECEPTOR HFGAN72
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Smithkline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: United States of America
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/938,548B
FILING DATE: 26-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/887,382
FILING DATE: 2-JUL-1997
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/820,519
FILING DATE: 19-MAR-1997
APPLICATION NUMBER: 60/033,604
FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth J. Hecht
REGISTRATION NUMBER: 41,824
REFERENCE/DOCKET NUMBER: ATG50037-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5009
TELEFAX: 610-270-5090
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 131 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-938-548B-2

Query Match 2.7%; Score 8; DB 3; Length 131;
Best Local Similarity 100.0%; Pred. No. 6.4;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 228 RLQRLQA 235
Db 79 RLQRLQA 86

Search completed: June 5, 2003, 14:11:52
Job time : 16 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 5, 2003, 14:11:07 : Search time 21 Seconds
(without alignments)
1474.861 Million cell updates/sec

Title: US-09-935-727-2

Sequence: 1 MRAIEGPGSLICLVIALPALP.....RYARMGGLERSYRERFLPVH 300

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Gapop 60.0, Gapect 60.0

Searched: 392085 seqs, 103240269 residues

Word size: 0

Total number of hits satisfying chosen parameters: 392085

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database:

Published Applications_AA:*

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- 7: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
- 8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
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- 11: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
- 12: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*
- 13: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
- 14: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	300	100.0	300	10	US-09-896-096A-1
3	300	100.0	300	10	US-09-894-924-1
4	300	100.0	300	10	US-09-935-727-2
5	271	90.3	271	9	US-10-129-709-1
6	208	69.3	300	10	US-09-840-795-2
7	207	69.0	211	10	US-09-877-156-20
8	179	59.7	299	10	US-09-877-156-17
9	153	51.0	153	10	US-09-877-156-2
10	142	47.3	170	10	US-09-935-727-4
11	29	9.7	29	9	US-10-129-709-4
12	9	3.0	56	9	US-10-146-574-7
13	9	3.0	91	9	US-10-146-574-6
14	9	3.0	327	10	US-09-815-242-5083
15	9	3.0	408	10	US-09-057-951-4
16	9	3.0	408	12	US-10-105-150-4
17	9	3.0	430	9	US-10-146-574-2
18	9	3.0	430	9	US-09-421-112-2
19	9	3.0	430	10	US-09-057-951-2

20	9	3.0	430	10	US-09-836-607-2	Sequence 2, Appl1
21	3.0	430	12	US-10-105-150-2	Sequence 2, Appl1	
22	9	3.0	436	9	US-10-146-574-4	Sequence 4, Appl1
23	8	2.7	27	9	US-09-211-823C-9	Sequence 9, Appl1
24	8	2.7	27	10	US-09-737-379-12	Sequence 12, Appl1
25	8	2.7	28	9	US-09-211-823C-4	Sequence 4, Appl1
26	8	2.7	28	10	US-09-211-823C-12	Sequence 12, Appl1
27	8	2.7	28	10	US-09-737-379-4	Sequence 4, Appl1
28	8	2.7	28	10	US-09-737-379-9	Sequence 9, Appl1
29	8	2.7	40	10	US-09-057-951-6	Sequence 6, Appl1
30	8	2.7	40	12	US-10-105-150-6	Sequence 6, Appl1
31	8	2.7	60	10	US-09-864-761-39057	Sequence 39057, A
32	8	2.7	123	9	US-09-211-823C-10	Sequence 10, Appl1
33	8	2.7	123	10	US-09-737-379-10	Sequence 10, Appl1
34	8	2.7	130	9	US-09-211-823C-6	Sequence 6, Appl1
35	8	2.7	130	10	US-09-737-379-6	Sequence 6, Appl1
36	8	2.7	131	9	US-09-211-823C-2	Sequence 2, Appl1
37	8	2.7	131	10	US-09-737-379-2	Sequence 2, Appl1
38	8	2.7	154	10	US-09-764-864-1004	Sequence 1004, Ap
39	8	2.7	411	9	US-10-002-050-10	Sequence 10, Appl1
40	8	2.7	411	9	US-10-002-304-10	Sequence 10, Appl1
41	8	2.7	411	12	US-10-003-152-10	Sequence 10, Appl1
42	8	2.7	464	9	US-10-002-050-20	Sequence 20, Appl1
43	8	2.7	464	9	US-10-002-304-20	Sequence 20, Appl1
44	8	2.7	464	12	US-10-003-152-20	Sequence 20, Appl1
45	8	2.7	963	9	US-10-140-164-2	Sequence 2, Appl1

ALIGNMENTS

RESULT 1
US-10-129-709-3
; Sequence 3, Application US/10129709
; Publication No. US20030055221A1
; GENERAL INFORMATION:
; APPLICANT: Wiltcher, Derrick
; APPLICANT: Lu, Jiong
; TITLE OF INVENTION: Improving stability of FLINT through O-linked glycosylation
; FILE REFERENCE: X-13531M
; CURRENT APPLICATION NUMBER: US/10/129,709
; CURRENT FILING DATE: 2002-05-07
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 300
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-129-709-3

Query Match 100.0%; Score 300; DB 9; Length 300;
Best local Similarity 100.0%; Pred. No. 3.6e-260; Indels 0; Gaps 0;
Matches 300; Conservative 0; Mismatches 0;

QY	1	MRAIEGPGSLICLVIALPALPVPVAVRVAETPRYPMDATGERTVCAOCPPGFYVOR	60
DB	1	MRAIEGPGSLICLVIALPALPVPVAVRVAETPRYPMDATGERTVCAOCPPGFYVOR	60
QY	61	PCRRDSPTTCGCPPRHYTOFNWYLERCYCNCVLGCEEREERACHATNRACRRTGTF	120
DB	61	PCRRDSPTTCGCPPRHYTOFNWYLERCYCNCVLGCEEREERACHATNRACRRTGTF	120
QY	121	ANAGFLEHASCPGAGVIAPTGPSONTCCQPCPEGTFSASSSSBQCOPHRNCTALGTA	180
DB	121	ANAGFLEHASCPGAGVIAPTGPSONTCCQPCPEGTFSASSSSBQCOPHRNCTALGTA	180
QY	181	LNVPGSSHDTCSTGTFPLSTRVPGAECCRAVYIDFAFDISTIKRRLQALAEPE	240
DB	181	LNVPGSSHDTCSTGTFPLSTRVPGAECCRAVYIDFAFDISTIKRRLQALAEPE	240
QY	241	GMGPPPRAGRAALQKLRRLTELGAODGALLVRLQALRYARMGGLERSYRERFLPVH	300
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RESULT 2
US-09-896-096A-1
; Sequence 1, Application US/09896096A
; Patent No. US20020061559A1
; GENERAL INFORMATION:
; APPLICANT: ASHKENAZI, AVI J
; APPLICANT: BOTSTEIN, DAVID
; APPLICANT: DODGE, KELLY H.
; APPLICANT: GURNEY, AUSTIN L.
; APPLICANT: KIM, KYUNG JIN
; APPLICANT: LAWRENCE, DAVID A.
; APPLICANT: PITTI, ROBERT
; APPLICANT: ROY, MARGARET A
; APPLICANT: TOMAS, DANIEL B
; APPLICANT: WOOD, WILLIAM I.
; TITLE OF INVENTION: DCR3 Polypeptide, A TNFR Homolog
; FILE REFERENCE: P1134R2 REVISED
; CURRENT APPLICATION NUMBER: US/09/896, 096A
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 09/157,289
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: US 60/059,288
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: US 60/094,640
; PRIOR FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 18
; SEQ ID NO 1
; LENGTH: 300
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-896-096A-1

Query Match      100.0%; Score 300; DB 10; Length 300;
Best Local Similarity 100.0%; Pred. No. 3.6e-260;
Matches 300; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MRALEGGSLSLCLVIALPALPVPVAVGVAETPTYPWDAETGERLVCAQCPGTFVOR 60
QY 61 PCRDSPTTCGCPRRHYTOFWNTLERCRCNVLCGEREEBARACHATHNRACRCRTGFF 120
DB 61 PCRDSPTTCGCPRRHYTOFWNTLERCRCNVLCGEREEBARACHATHNRACRCRTGFF 120
QY 121 AHAGFCLHASCPRGAGVIAVGPFSQNTQCCPCPGTFSASSSSSECCOPHRNCTALGTA 180
DB 121 AHAGFCLHASCPRGAGVIAVGPFSQNTQCCPCPGTFSASSSSSECCOPHRNCTALGTA 180
QY 181 LNVPGSSHDLTCTGCTGFPSTVRVPAECCERAVIDFVAFODISIKRLQRLQALBAPE 240
DB 181 LNVPGSSHDLTCTGCTGFPSTVRVPAECCERAVIDFVAFODISIKRLQRLQALBAPE 240
QY 241 GWGTPPAGRAALQKLRRLRTELGAQDALLVRLQALRVAMPGLERSVVERFLPVH 300
DB 241 GWGTPPAGRAALQKLRRLRTELGAQDALLVRLQALRVAMPGLERSVVERFLPVH 300

RESULT 3
US-09-894-924-1
; Sequence 1, Application US/09894924
; Patent No. US20020065210A1
; GENERAL INFORMATION:
; APPLICANT: ASHKENAZI, AVI J
; APPLICANT: BOTSTEIN, DAVID
; APPLICANT: DODGE, KELLY H.
; APPLICANT: GURNEY, AUSTIN L.
; APPLICANT: KIM, KYUNG JIN
; APPLICANT: LAWRENCE, DAVID A.
; APPLICANT: PITTI, ROBERT
; APPLICANT: ROY, MARGARET A
; APPLICANT: TOMAS, DANIEL B
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APPLICANT: WOOD, WILLIAM I.
; TITLE OF INVENTION: DCR3 Polypeptide, A TNFR Homolog
; FILE REFERENCE: P1134R2 REVISED
; CURRENT APPLICATION NUMBER: US/09/894,924
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 09/157,289
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: US 60/059,288
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: US 60/094,640
; PRIOR FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 18
; SEQ ID NO 1
; LENGTH: 300
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-894-924-1

Query Match      100.0%; Score 300; DB 10; Length 300;
Best Local Similarity 100.0%; Pred. No. 3.6e-260;
Matches 300; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MRALEGGSLSLCLVIALPALPVPVAVGVAETPTYPWDAETGERLVCAQCPGTFVOR 60
QY 61 PCRDSPTTCGCPRRHYTOFWNTLERCRCNVLCGEREEBARACHATHNRACRCRTGFF 120
DB 61 PCRDSPTTCGCPRRHYTOFWNTLERCRCNVLCGEREEBARACHATHNRACRCRTGFF 120
QY 121 AHAGFCLHASCPRGAGVIAVGPFSQNTQCCPCPGTFSASSSSSECCOPHRNCTALGTA 180
DB 121 AHAGFCLHASCPRGAGVIAVGPFSQNTQCCPCPGTFSASSSSSECCOPHRNCTALGTA 180
QY 181 LNVPGSSHDLTCTGCTGFPSTVRVPAECCERAVIDFVAFODISIKRLQRLQALBAPE 240
DB 181 LNVPGSSHDLTCTGCTGFPSTVRVPAECCERAVIDFVAFODISIKRLQRLQALBAPE 240
QY 241 GWGTPPAGRAALQKLRRLRTELGAQDALLVRLQALRVAMPGLERSVVERFLPVH 300
DB 241 GWGTPPAGRAALQKLRRLRTELGAQDALLVRLQALRVAMPGLERSVVERFLPVH 300

RESULT 4
US-09-935-727-2
; Sequence 2, Application US/09935727
; Patent No. US20020150583A1
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; FILE REFERENCE: PF454P2
; CURRENT APPLICATION NUMBER: US/09/935,727
; CURRENT FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 60/303,224
; PRIOR FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: 60/252,131
; PRIOR FILING DATE: 2000-11-21
; PRIOR APPLICATION NUMBER: 09/518,931
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 09/518,931
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/168,235
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: 60/146,371
; PRIOR FILING DATE: 1999-08-02
; PRIOR APPLICATION NUMBER: 60/131,964
; PRIOR FILING DATE: 1999-04-30
; PRIOR APPLICATION NUMBER: 60/131,270
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/124,092
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 60/121,774
; PRIOR FILING DATE: 1999-03-04
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PRIOR APPLICATION NUMBER: 09/006,352
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: 60/035,496
PRIOR FILING DATE: 1997-01-14
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 300
TYPE: PRT
ORGANISM: Homo sapiens
US-09-935-727-2

Query Match
Best Local Similarity 100.0%; Score 300; DB 10; Length 300;
Matches 300; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MRALEPGSLICLVIALPALLPVPARGVATPTYPWMDAETGERLYCAQCPPTGVOR 60
QY 61 PCRDSPTGCPGPRHYQFNNYLERCYCNVLCGEREEERACHATNRACRCRTGTF 120
DB 61 PCRDSPTGCPGPRHYQFNNYLERCYCNVLCGEREEERACHATNRACRCRTGTF 120
QY 121 AHAGFCLHASCPPAGVAPGTPTSONTCOCPCPPTGTFSSSSSCOPPHNCTALGLA 180
DB 121 AHAGFCLHASCPPAGVAPGTPTSONTCOCPCPPTGTFSSSSSCOPPHNCTALGLA 180
QY 181 LNVPGSSSHDTLCTCTGFPPLSTRVPGAECERAVIDEFAFODISIKRLQRLQALEPE 240
DB 181 LNVPGSSSHDTLCTCTGFPPLSTRVPGAECERAVIDEFAFODISIKRLQRLQALEPE 240
QY 241 GNGPPRAGRALQIKLRRLTELLGAODGALLVRLQALRVARMGLERSVRERLPVH 300
DB 241 GNGPPRAGRALQIKLRRLTELLGAODGALLVRLQALRVARMGLERSVRERLPVH 300

RESULT 5

US-10-129-709-1
Sequence 1, Application US/10129709
Publication No. US20030055221A1
GENERAL INFORMATION:
APPLICANT: Witcheer, Derrick
APPLICANT: Lu, Jirong
TITLE OF INVENTION: Improving stability of FLINT through O-linked glycosylation
FILE REFERENCE: X-13531M
CURRENT APPLICATION NUMBER: US/10/129,709
CURRENT FILING DATE: 2002-05-07
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 271
TYPE: PRT
ORGANISM: Homo sapiens
US-10-129-709-1

Query Match
Best Local Similarity 100.0%; Score 271; DB 9; Length 271;
Matches 271; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 VAETPTYPWDAETGERLYCAQCPPTGVORPCRDSPPTGCPGPRHYTOPFNNYLER 89
QY 90 YCNVLCGEREEERACHATNRACRCRTGFFAHAGFCLHASCPPAGVAPGTPTSONTO 149
DB 61 YCNVLCGEREEERACHATNRACRCRTGFFAHAGFCLHASCPPAGVAPGTPTSONTO 120
QY 150 CQPCPPTGTFSSSSSCOPPHNCTALGLANVPGSSSHDTLCTCTGFPPLSTRVPGA 209
DB 121 CQPCPPTGTFSSSSSCOPPHNCTALGLANVPGSSSHDTLCTCTGFPPLSTRVPGA 180
QY 210 ECERAVIDEFAFODISIKRLQRLQALEPEGNGPPTPRAGRALQIKLRRLTELLGAOD 269

DB 181 ECERAVIDEFAFODISIKRLQRLQALEPEGNGPPTPRAGRALQIKLRRLTELLGAOD 240
QY 270 GALLVRLQALRVARMGLERSVRERLPVH 300
DB 241 GALLVRLQALRVARMGLERSVRERLPVH 271

RESULT 6

US-09-840-795-2
Sequence 2, Application US/09840795
Patent No. US20020143147A1
GENERAL INFORMATION:
APPLICANT: Murphy, Erin E.
APPLICANT: Maltson, Jeanine D.
APPLICANT: Bates, Elizabeth Esther Mary
APPLICANT: Gorman, Daniel M.
APPLICANT: Lebecque, Serge J.E.
TITLE OF INVENTION: Mammalian Genes; Related Reagents
FILE REFERENCE: SF0818K
CURRENT APPLICATION NUMBER: US/09/840,795
CURRENT FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: 09/351,777
PRIOR FILING DATE: 1999-07-12
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 300
TYPE: PRT
ORGANISM: primate
FEATURE:
NAME/KEY: misc_feature
LOCATION: (79)
OTHER INFORMATION: Xaa at residue 79 is undetermined.
US-09-840-795-2

Query Match
Best Local Similarity 100.0%; Score 208; DB 10; Length 300;
Matches 208; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 93 VLGEREEERACHATNRACRCRTGFFAHAGFCLHASCPPAGVAPGTPTSONTCOP 152
DB 93 VLGEREEERACHATNRACRCRTGFFAHAGFCLHASCPPAGVAPGTPTSONTCOP 152
QY 153 CQPCPPTGTFSSSSSCOPPHNCTALGLANVPGSSSHDTLCTCTGFPPLSTRVGAEE 212
DB 153 CQPCPPTGTFSSSSSCOPPHNCTALGLANVPGSSSHDTLCTCTGFPPLSTRVGAEE 212
QY 213 RAVIDEFAFODISIKRLQRLQALEPEGNGPPTPRAGRALQIKLRRLTELLGAODGAL 272
DB 213 RAVIDEFAFODISIKRLQRLQALEPEGNGPPTPRAGRALQIKLRRLTELLGAODGAL 272
QY 273 LVRLQALRVARMGLERSVRERLPVH 300
DB 273 LVRLQALRVARMGLERSVRERLPVH 300

RESULT 7

US-09-877-156-20
Sequence 20, Application US/09877156
Patent No. US20020055625A1
GENERAL INFORMATION:
APPLICANT: Catherine Tribouley
TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
FILE REFERENCE: 1408.003/200130.439C1
CURRENT APPLICATION NUMBER: US/09/877,156
CURRENT FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/286,529
PRIOR FILING DATE: 1998-04-05
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 20
LENGTH: 211

TYPE: PRT
ORGANISM: Homo sapien
US-09-877-156-20

Query Match
Best Local Similarity 69.0%; Score 207; DB 10; Length 211;
Matches 207; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRALEGGSLTCLVIALPALPVPVAVGVAETPTYPWDAETGERLVCAQCPGTFVOR 60
Db 1 MRALEGGSLTCLVIALPALPVPVAVGVAETPTYPWDAETGERLVCAQCPGTFVOR 60
QY 61 PCRDSPTTCGPPRRHYTQFMWYLERCRVCNVLGGEREEARACHATNRACRCRTGFF 120
Db 61 PCRDSPTTCGPPRRHYTQFMWYLERCRVCNVLGGEREEARACHATNRACRCRTGFF 120
QY 121 AHAGFCLHASCPPGAGVIAPTGTPSONTCQPCPPGTFSSSSSECCOPHRNCTALGLA 180
Db 121 AHAGFCLHASCPPGAGVIAPTGTPSONTCQPCPPGTFSSSSSECCOPHRNCTALGLA 180
QY 181 LNVPGSSSHDTLCTCTGFPPLSTRVPG 207
Db 181 LNVPGSSSHDTLCTCTGFPPLSTRVPG 207

RESULT 8

US-09-877-156-17
Sequence 17, Application US/09877156
Patent No. US20020055625A1

GENERAL INFORMATION:
APPLICANT: Catherine Tribouley
TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
FILE REFERENCE: 1408.003/200130.439C1
CURRENT APPLICATION NUMBER: US/09/877,156
CURRENT FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/286,529
PRIOR FILING DATE: 1998-04-05
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 17
LENGTH: 299
TYPE: PRT
ORGANISM: Homo sapien
US-09-877-156-17

Query Match
Best Local Similarity 59.7%; Score 179; DB 10; Length 299;
Matches 299; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

QY 1 MRALEGGSLTCLVIALPALPVPVAVGVAETPTYPWDAETGERLVCAQCPGTFVOR 60
Db 1 MRALEGGSLTCLVIALPALPVPVAVGVAETPTYPWDAETGERLVCAQCPGTFVOR 60
QY 61 PCRDSPTTCGPPRRHYTQFMWYLERCRVCNVLGGEREEARACHATNRACRCRTGFF 120
Db 61 PCRDSPTTCGPPRRHYTQFMWYLERCRVCNVLGGEREEARACHATNRACRCRTGFF 120
QY 121 AHAGFCLHASCPPGAGVIAPTGTPSONTCQPCPPGTFSSSSSECCOPHRNCTALGLA 180
Db 121 AHAGFCLHASCPPGAGVIAPTGTPSONTCQPCPPGTFSSSSSECCOPHRNCTALGLA 180
QY 181 LNVPGSSSHDTLCTCTGFPPLSTRVPGAECEERAVIDFVAFODISIKRLQRLQALEAPE 240
Db 181 LNVPGSSSHDTLCTCTGFPPLSTRVPGAECEERAVIDFVAFODISIKRLQRLQALEAPE 240
QY 241 GWPPTPRAGRAALQIKRLRTELGAQDALLVRLQALRVARMGPLESVRERLFVH 300
Db 241 GWPPTPRAGRAALQIKRLRTELGAQDALLVRLQALRVARMGPLESVRERLFVH 300

RESULT 9
US-09-877-156-2
Sequence 2, Application US/09877156

Patent No. US20020055625A1
GENERAL INFORMATION:
APPLICANT: Catherine Tribouley
TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
FILE REFERENCE: 1408.003/200130.439C1
CURRENT APPLICATION NUMBER: US/09/877,156
CURRENT FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/286,529
PRIOR FILING DATE: 1998-04-05
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 153
TYPE: PRT
ORGANISM: human
US-09-877-156-2

Query Match
Best Local Similarity 51.0%; Score 153; DB 10; Length 153;
Matches 153; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 85 LERCRVCNVLGGEREEARACHATNRACRCRTGFFAHAGFCLHASCPPGAGVIAPTG 144
Db 1 LERCRVCNVLGGEREEARACHATNRACRCRTGFFAHAGFCLHASCPPGAGVIAPTG 144
QY 145 SONTQCQPCPPGTFSSSSSECCOPHRNCTALGLALNVPGSSSHDTLCTCTGFPPLSTR 204
Db 61 SONTQCQPCPPGTFSSSSSECCOPHRNCTALGLALNVPGSSSHDTLCTCTGFPPLSTR 204
QY 205 VPGAEECEERAVIDFVAFODISIKRLQRLQALE 237
Db 121 VPGAEECEERAVIDFVAFODISIKRLQRLQALE 153

RESULT 10

US-09-935-727-4
Sequence 4, Application US/09935727
Patent No. US20020150583A1

GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Tumor Necrosis Factor Receptors 6 Alpha and 6 Beta
FILE REFERENCE: PR454P2
CURRENT APPLICATION NUMBER: US/09/935,727
CURRENT FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: 60/303,224
PRIOR FILING DATE: 2001-07-06
PRIOR APPLICATION NUMBER: 60/252,131
PRIOR FILING DATE: 2000-11-21
PRIOR APPLICATION NUMBER: 60/227,598
PRIOR FILING DATE: 2000-08-25
PRIOR APPLICATION NUMBER: 09/518,931
PRIOR FILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: 60/168,235
PRIOR FILING DATE: 1999-12-01
PRIOR APPLICATION NUMBER: 60/146,371
PRIOR FILING DATE: 1999-08-02
PRIOR APPLICATION NUMBER: 60/131,964
PRIOR FILING DATE: 1999-04-30
PRIOR APPLICATION NUMBER: 60/131,270
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/124,092
PRIOR FILING DATE: 1999-03-12
PRIOR APPLICATION NUMBER: 60/121,774
PRIOR FILING DATE: 1999-03-04
PRIOR APPLICATION NUMBER: 09/006,352
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: 60/035,496
PRIOR FILING DATE: 1997-01-14
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 4
LENGTH: 170
TYPE: PRT

ORGANISM: Homo sapiens
US-09-935-727-4

Query Match 47.3%; Score 142; DB 10; Length 170;
Best Local Similarity 100.0%; Pred. No. 3.5e-119;
Matches 142; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MRALGPGSLCLVIALPALPVPVAVRGVETPTYPMDAETGERLVCACCPGTFVOR 60
DB 1 MRALGPGSLCLVIALPALPVPVAVRGVETPTYPMDAETGERLVCACCPGTFVOR 60
OY 61 PCRSDPTTCGCPPRHYTOFWNYLERCRVCNVLCGERREARACHATHNRACRGTGFF 120
DB 61 PCRSDPTTCGCPPRHYTOFWNYLERCRVCNVLCGERREARACHATHNRACRGTGFF 120
OY 121 AHAGFCLHASCPPGAGVAPG 142
DB 121 AHAGFCLHASCPPGAGVAPG 142

RESULT 11

US-10-129-709-4
Sequence 4, Application US/10129709
Publication No. US20030055221A1
GENERAL INFORMATION:
APPLICANT: Welcher, Derrick
APPLICANT: Lu, Jitong
TITLE OF INVENTION: Improving stability of FLINT through O-linked glycosylation
FILE REFERENCE: X-13531M
CURRENT APPLICATION NUMBER: US/10/129,709
CURRENT FILING DATE: 2002-05-07
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 29
TYPE: PRT
ORGANISM: Homo sapiens
US-10-129-709-4

Query Match 9.7%; Score 29; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 6.8e-19;
Matches 29; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MRALGPGSLCLVIALPALPVPVAVRG 29
DB 1 MRALGPGSLCLVIALPALPVPVAVRG 29

RESULT 12

US-10-146-574-6
Sequence 6, Application US/10146574
Publication No. US20030077246A1
GENERAL INFORMATION:
APPLICANT: Jing, Shuguan
APPLICANT: Welcher, Andrew A
APPLICANT: Boedighelmer, Michael J
APPLICANT: Shu, Junyan
TITLE OF INVENTION: TNFr/OPG-LIKE MOLECULES AND USES THEREOF
FILE REFERENCE: 01017/36854
CURRENT APPLICATION NUMBER: US/10/146,574
CURRENT FILING DATE: 2002-05-15
PRIOR APPLICATION NUMBER: US/09/724,037
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 56
TYPE: PRT
ORGANISM: Homo sapiens
US-10-146-574-6

Query Match 3.0%; Score 9; DB 9; Length 56;

Best Local Similarity 100.0%; Pred. No. 0.93;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 152 PCPPGTFFSA 160
DB 10 PCPPGTFFSA 18

RESULT 13

US-10-146-574-7
Sequence 7, Application US/10146574
Publication No. US20030077246A1
GENERAL INFORMATION:
APPLICANT: Jing, Shuguan
APPLICANT: Welcher, Andrew A
APPLICANT: Boedighelmer, Michael J
APPLICANT: Shu, Junyan
APPLICANT: Gary M. Fox
TITLE OF INVENTION: TNFr/OPG-LIKE MOLECULES AND USES THEREOF
FILE REFERENCE: 01017/36854
CURRENT APPLICATION NUMBER: US/10/146,574
CURRENT FILING DATE: 2002-05-15
PRIOR APPLICATION NUMBER: US/09/724,037
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 91
TYPE: PRT
ORGANISM: Homo sapiens
US-10-146-574-7

Query Match 3.0%; Score 9; DB 9; Length 91;
Best Local Similarity 100.0%; Pred. No. 1.5;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 152 PCPPGTFFSA 160
DB 45 PCPPGTFFSA 53

RESULT 14

US-09-815-242-5083
Sequence 5083, Application US/09815242
Patent No. US20020061569A1
GENERAL INFORMATION:
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Karl L.
APPLICANT: Zyskind, Judith W.
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John D.
APPLICANT: Carr, Grant J.
APPLICANT: Yamamoto, Robert T.
APPLICANT: Xu, H. Howard
TITLE OF INVENTION: Identification of Essential Genes in
FILE REFERENCE: ELITRA.011A
CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16

NUMBER OF SEQ ID NOS: 14110
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO: 5083
LENGTH: 327
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-815-242-5083

Query Match 3.0%; Score 9; DB 10; Length 327;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 16 LALPALPV 24
|||||
DB 304 LALPALPV 312

RESULT 15
US-09-057-951-4
Sequence 4, Application US/09057951
Patent No. US2002002551A1
GENERAL INFORMATION:
APPLICANT: Holtzman, Douglas
TITLE OF INVENTION: NOVEL MOLECULES OF THE T129-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/057,951
FILING DATE: 09-APR-1998
ATTORNEY/AGENT INFORMATION:
NAME: Weikiejohn, Ph.D., Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 09404/046001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 408 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-057-951-4

Query Match 3.0%; Score 9; DB 10; Length 408;
Best Local Similarity 100.0%; Pred. No. 5.7;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 152 PCPPTGFS 160
|||||
DB 28 PCPPTGFS 36

Search completed: June 5, 2003, 14:15:40
Job time : 22 secs